TECHNICAL DATA SHEET
EPOXY MODIFIED POLYURETHANE COATING
PAGE 1 OF 2

PRODUCT: A two-component isocyanate/polyester, epoxy modified polyurethane coating formulated for excellent exterior durability, adhesion and abrasion resistance.

DESCRIPTION: Griggs Epoxy Modified Polyurethane Coating is a two component chemically cured product that forms a film that is resistant to chemicals, solvents and abrasion. This product has excellent adhesion to most substrates and is recommended for heavy duty industrial applications where a tough, chemical resistant coating is required. This coating is available in a 1:1 mixture for brush, roll and spray applications. It is specially formulated for excellent ultraviolet ray resistance and superior exterior durability.

PROPERTIES:

SOLIDS(Weight)..... 54 - 56%**,*
SOLIDS(Volume)..... 42 - 44%**,*
VISCOSITY..... 70 - 90 KU
COLORS..... Full Range
LIFE(77 degrees F)..... 6 - 8 Hours*
TACK FREE..... 2 Hours
RECOAT..... 1 Hour
LIGHT SERVICE..... 24 Hours
FULL SERVICE..... 7 Days
COVERAGE..... 350 - 400 Sq.ft/Gal

Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.
**Values will vary with color.
*Admixed.

ADVANTAGES:

(1). Excellent Exterior Durability
(2). Abrasion Resistant
(3). Chemical Resistant
(4). Satin Sheen
(5). Resistant to Corrosive Fumes
(6). Quick Dry

"Our Coatings Fly All Over the World"

Intrepid Coatings, Inc. Technical Data Sheets

Floor Coatings

Intrepid Coatings
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TECHNICAL DATA SHEET
EPOXY MODIFIED POLYURETHANE COATING
PAGE 2 OF 2

USES: (1). Carports
(2). Pool Decks
(3). Concrete Floors

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, mold release agents or grease. Greasy or oily surfaces should be solvent cleaned with care taken not to paint over moist or wet surfaces. It is recommended that old paint be removed before application so that coating is applied directly to bare concrete surface.

APPLICATION: Griggs Epoxy Modified Polyurethane Coating can be brushed rolled or sprayed. Mechanically mix each component, then combine at a ratio of 1:1 by volume. Let admixed material stand for 15 to 30 minutes before using to allow for chemical induction. If thinning is required, use Griggs MIL-T-81772B Polyurethane Thinner.

PRECAUTIONS:
USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

CONTENTS ARE FLAMMABLE!

TECHNICAL DATA SHEET
AQUA-POLY CLEAR 105C02
WATERBORNE 2-PART POLYURETHANE

PRODUCT DESCRIPTION:

An odor-free waterborne, high gloss, clear, two-component multi-purpose coating for use in areas where solvent odor and fumes are a problem. Cures to an abrasion, chemical and weather resistant film.

TYPICAL PROPERTIES:

(1). **COLOR**..... Clear
(2). **DRYING TIME:** (72 Deg.F & 80% RH)
To Touch..... 20 Minutes
Surface Dry..... Within 2 Hours
Mar Free..... 12 Hours
(3). **VEHICLE TYPE**..... Polyester Polyurethane
(4). **WORKING POT LIFE**..... 1 - 2 Hours
(5). **VOLUME SOLIDS**..... 47 - 48%
(6). **RESISTANCE TO:**
Solvents..... Excellent
Water..... Excellent
Acids..... Good
Alkali..... Excellent
(7). **PENCIL HARDNESS(ASTM D-3363-84)**..... 3H

APPLICATION AND REDUCTION:

Mix at a ratio of 3 parts clear base Component 1 to 1 part catalyst Component 2. Catalyst must be added to base under agitation. Let admixed material stand for 15 minutes before use to allow for induction time. Coating can be thinned with water if a lower viscosity/consistency is required. Do not seal any admixed unused material, as CO2 gas will generate causing pressure in the container. After catalyzation, the working pot life is 1-2 hours. An exothermic reaction can occur if 5 gallon or larger batches are mixed and allowed to sit, greatly reducing the working pot life.

STORAGE: Store indoors at room temperature. Keep from freezing.

TECHNICAL DATA SHEET
200N80 SEMI-TRANSPARENT BROWN
PIGMENTED CONCRETE & WOOD SEALER
PAGE 1 OF 2

PRODUCT: A pigmented penetrating concrete and wood sealer designed to penetrate and seal concrete and wood surfaces.

DESCRIPTION: A pigmented concrete and wood sealer that meets Specification TT-W-00572 without the use of pentachlorophenol. Griggs Concrete and Wood Sealer has superior penetrating properties due to the fact that all active solids are dissolved in complete solution. This sealer protects concrete and wood against U.V., mildew, water, fungus and the exterior elements. Griggs Concrete and Wood Sealer is available in the full spectrum of transparent colors.

PROPERTIES:

COLOR	Brown
WEIGHT/GAL	7.0 lbs.
FLASH POINT	107 Degrees F
SOLIDS(Weight)	17.0 - 17.5%
RESISTANCE TO:	
WATER	Excellent
ULTRA VIOLET LIGHT	Excellent
MILDEW	Excellent
YELLOWING	Excellent

SURFACE PREPARATION: All surfaces to be sealed must be free of all dirt, oils, grease and any foreign material. The substrate must be thoroughly dry to allow for maximum penetration of sealer.

APPLICATION: Griggs Concrete and Wood Sealer may be applied by brush, roller or spray. Use at packaged viscosity. Clean equipment with Mineral Spirits.

TECHNICAL DATA SHEET
200N80 SEMI-TRANSPARENT BROWN
PIGMENTED CONCRETE & WOOD SEALER

TYPICAL USES:
(1). Railroad Ties
(2). Driveways
(3). Concrete Decks and Patios
(4). Bender Board
(5). Exterior Wood Decks

PRECAUTIONS:

USE WITH ADEQUATE VENTILATION.

COMBUSTIBLE LIQUID.

DO NOT TAKE INTERNALLY.

KEEP OUT OF THE REACH OF CHILDREN.

READ MATERIAL SAFETY DATA SHEET BEFORE USING PRODUCT.

TECHNICAL DATA SHEET
HYDRO-ACRYLIC STAIN
300-65 - #30318
PAGE 1 OF 2

PRODUCT: A waterbase methacrylic monomer penetrating stain designed to give excellent water repellency and penetration. All colors are semi-opaque.

DESCRIPTION: Griggs Hydro-Acrylic methacrylic monomer stain is a water-repellent, semi-opaque penetrating coating that will provide years of protection and beauty to any concrete surface or structure. Due to its superior penetrating properties, it exhibits excellent adhesion to properly prepared substrates. This coating also provides excellent weather and UV resistance.

PROPERTIES:

COLORS..... Full Range
FINISH..... Low Sheen to Flat
PIGMENT..... Inorganic Oxides
VEHICLE..... Methacrylic Monomer Resin
WEIGHT/GAL..... 8.7 - 9.7 lbs.
SOLVENT..... Water
VISCOSITY..... 150-500 CPS
SOLIDS(Volume)..... 21% min.
Coverage at 2 mils.(20% loss)..... 150 sq. ft. gal

RESISTANCE TO:

OILS..... Excellent
GREASE..... Excellent
WATER..... Excellent
WEATHER..... Excellent

ADVANTAGES:

(1). Highly Durable
(2). Water Repellent
(3). Oil Resistant
(4). Penetrating
(5). Low V.O.C. Content
(6). Ultraviolet Resistant

TECHNICAL DATA SHEET HYDRO-ACRYLIC STAIN
300-65 - #30318
PAGE 2 OF 2

USES: (1). Concrete Structures
(2). Driveways
(3). Garages
(4). Carports
(5). Walkways

APPLICATION & REDUCTION: Griggs Hydro-Acrylic methacrylic monomer stain can be brushed, rolled or sprayed. This product is normally ready for application as supplied. If thinning is necessary, use clean tap water. Do not apply when ambient or surface temperatures below 50 degrees Fahrenheit.

PRECAUTIONS:

Use with adequate ventilation.

Avoid contact with skin and eyes.

KEEP OUT OF THE REACH OF CHILDREN!

Do not take internally.

Avoid breathing vapor or mist.

Read Material Safety Data Sheet before using this product.

TECHNICAL DATA SHEET
FLEXOCRYL FLOOR & DECK
PAGE 1 OF 3

PRODUCT: An elastomeric acrylic latex floor & deck coating.

DESCRIPTION: An elastomeric low-sheen acrylic latex floor & deck coating with excellent abrasion and weather resistance. Griggs Flexocryl is formulated with high grade elastomeric resins for added strength and flexibility. This product may be used on many types of decks, including wood, concrete, asphalt and galvanized metal.

PROPERTIES:

COLORS	Full Range
SOLIDS(Weight)	73 - 75%
THEORETICAL COVERAGE	350 - 400 sq.ft/gal
DRYING TIME-AT 75 DEGREES F:	
TO TOUCH	30 Minutes
DRY HARD	4 Hours
TO RECOAT	5-6 Hours
VEHICLE TYPE	Elastomeric Blend
GLOSS	5-10 @ 60 Degrees

ADVANTAGES:
(1). Excellent Flexibility.
(2). Abrasion Resistant.
(3). Water-Base.
(4). Water Stain Resistant.
(5). Superior Exterior Durability.
(6). Seals and Protects.

USES:
(1). Carport Decks
(2). Exterior Balconies/Roofs
(3). Wood
(4). Exterior Metal Decks
(5). Asphalt
(6). Concrete Decks & Floors

APPLICATION & REDUCTION:
Griggs Flexocryl Floor & Deck Coating may be thinned with water if necessary. Use at packaged consistency for most applications.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Loose or peeling paint must be removed by sanding, scraping, waterblast or sandblasting. All mildew must be removed before application. Remove by scrubbing with a solution made of 1 quart household bleach in 3 quarts of water. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Scrub to remove any contaminants. Careful surface preparation is the key to a long lasting and successful job. Acid etching of concrete is recommended for proper adhesion.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product. Keep from freezing.

TECHNICAL DATA SHEET
FLEXOCRYL FLOOR & DECK
PAGE 3 OF 3

FLEXOCRYL PRODUCT DATA & SPECIFICATIONS

DESCRIPTION: A high-solids, rubber modified, acrylic terpolymer coating. Griggs Flexocryl combines superior elongation and tensile strength with a Class B flame spread rating. It has excellent resistance to ponded water and can be used as an intermediate coat in high build flooring applications. May be applied by airless spray, roller or brush. Do not apply over wet surface, under threat of rain, below 40 Degrees Fahrenheit, or when temperature is expected to fall below freezing within 24 hours of application.

SHELF LIFE:.....One Year

COLORS:.....Full range

SOLIDS CONTENT:.....73 - 75% By Weight

WATER VAPOR TRANSMISSION:..(ASTM D-1653) 2 Perms

ACCELERATED WEATHERING:....(ASTM D-822) No Change, 9000 Hrs

ELONGATION to BREAK:.....(ASTM D-2370-68) 450%

TENSILE STRENGTH:.....(ASTM D-2370-68) 171 psi, 30 Mils

FLAMMABILITY:.....(ASTM E-108) Class B

TECHNICAL DATA SHEET
WATERBASE ACRYLIC SEALER 300C10
PAGE 1 OF 2

PRODUCT: A clear unpigmented elastomeric acrylic latex clear sealer formulated for superior adhesion and flexibility.

DESCRIPTION: A specially formulated clear acrylic based sealer designed to be used as a sealer and topcoat for many substrates including wood, masonry, concrete and fiber board.

PROPERTIES:

COLOR..... Clear(when dried)
SOLIDS(Weight)..... 25 - 30%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 1 - 2 Hours
TO RECOAT..... 6 Hours
VEHICLE TYPE..... Acrylic Latex
WEIGHT/GAL..... 8.2 - 8.4 lbs

ADVANTAGES:

(1). Waterbase Sealer
(2). Low V.O.C. Content
(3). Seals Surface
(4). Moisture Resistant
(5). UV Resistant

USES:

(1). Masonry
(2). Brick
(3). Wood
(4). Stucco
(5). Plywood
(6). Fiberboard
(7). Concrete

TECHNICAL DATA SHEET
WATERBASE ACRYLIC SEALER 300C10
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Clear Acrylic Sealer be thinned with water as needed for application purposes. Thin up to 1/2 pint of water per gallon of sealer only if necessary. Material is normally ready to use without thinning. Use at packaged consistency for best results.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Concrete should be acid etched for best results. Wood surfaces should be sanded and cleaned with a tack cloth for best results. Consult your Griggs representative for specific recommendations on this process.

PRECAUTIONS:

KEEP FROM FREEZING.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
ROCK LOCK CLEAR COATING

PRODUCT: A water base acrylic adhesive coating used to secure decorative rock.

DESCRIPTION: **ROCK LOCK CLEAR COATING 300C11** is a high strength, flexible, clear acrylic adhesive coating used to secure in place decorative rock.

PROPERTIES:

COLOR	Clear
SHELF LIFE	1 Year from Date/Mfg
WT/GAL	8.6 - 8.8 Lbs
SOLIDS(Weight)	27 - 30%
SOLIDS(Volume)	20 - 23%

ADVANTAGES:
(1). High Adhesive Strength
(2). Flexible
(3). Water Cleanup
(4). UV and Weather Resistant

USES:
(1). Decorative Rock
(2). Gravel
(3). Dust Control

APPLICATION: Use liberally at packaged consistency. For best results, apply with an airless sprayer or appropriate pump sprayer. Use clean tap water for clean up.

TECHNICAL DATA SHEET
WATERBASE ACRYLIC SEALER 300C15
PAGE 1 OF 2

PRODUCT: A clear unpigmented acrylic sealer formulated specifically for use on properly prepared masonry and concrete surfaces.

DESCRIPTION: A specially formulated clear acrylic based coating designed to be used as a sealer and topcoat for concrete and masonry surfaces. This product penetrates and seals alkali and salts(efflorescence) that may be present in masonry surfaces, thus creating a hard bonded surface.

PROPERTIES:

COLOR..... Gloss Clear
SOLIDS(Weight)..... 34 - 35%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal*
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 1 - 2 Hours
DRY HARD..... 4 Hours
VEHICLE TYPE..... Acrylic Emulsion
WEIGHT/GAL..... 8.2 - 8.4 lbs
* Substrate variations will affect coverage

ADVANTAGES:

(1). Waterbase Acrylic Sealer.
(2). Extremely Low V.O.C. Content.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

APPLICATION & REDUCTION:

MIX WELL BEFORE USING! Griggs Clear Acrylic Sealer is ready for use at packaged consistency without thinning. Thin up to 1/2 pint of water per gallon of sealer only if absolutely needed. **Use at packaged consistency for best results.**

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Concrete should be aged at least 28 days and acid etched for best results. Consult your Griggs representative for specific recommendations on this process.

PRECAUTIONS:

Keep from Freezing.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
WATERBASE ACRYLIC SEALER 300C85
PAGE 1 OF 2

PRODUCT: A clear unpigmented acrylic sealer formulated specifically for use on a variety of properly prepared interior surfaces.

DESCRIPTION: A specially formulated clear acrylic based coating designed to be used as a sealer and topcoat for many interior surfaces. This product penetrates and seals alkali and salts(efflorescence) that may be present in masonry surfaces, thus creating a hard bonded surface.

PROPERTIES:
COLOR..... Gloss Clear
SOLIDS(Weight)..... 34 - 35%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal*
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 1 - 2 Hours
DRY HARD..... 4 Hours
VEHICLE TYPE..... Acrylic Emulsion
WEIGHT/GAL..... 8.2 - 8.4 lbs
* Substrate variations will affect coverage

ADVANTAGES:
(1). Waterbase Acrylic Sealer.
(2). Extremely Low V.O.C. Content.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:
(1). Masonry
(2). Brick
(3). Block
(4). Stucco
(5). Plaster
(6). Wood
(7). Drywall

APPLICATION & REDUCTION:

MIX WELL BEFORE USING! Griggs Clear Acrylic Sealer is ready for use at packaged consistency without thinning. Thin up to 1/2 pint of water per gallon of sealer only if absolutely needed. **Use at packaged consistency for best results.**

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Concrete should be aged at least 28 days and abraded by chemical or mechanical means for best results. Consult your Griggs representative for specific recommendations on this process.

PRECAUTIONS:

Keep from Freezing.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TENNIS COURT COATING
PAGE 1 OF 2

PRODUCT: An elastomeric acrylic, rubberized tennis court coating.

DESCRIPTION: An elastomeric, low-sheen, acrylic latex tennis court coating with excellent abrasion and weather resistance. Griggs Tennis Court Paint is formulated with high grade elastomeric resins for added strength and flexibility. This product may be used on many types of concrete and asphalt courts. Rubberized for resistance to expansion and contraction of substrate.

PROPERTIES:

COLORS..... Full Range
SOLIDS(Weight)..... 59 - 63%
THEORETICAL COVERAGE..... 350 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1.5 mils @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 30 Minutes
TO RECOAT..... 5 - 6 Hours
VEHICLE TYPE..... Elastomeric Blend
GLOSS..... 5-10 @ 60 Degrees

ADVANTAGES:

(1). Excellent Flexibility.
(2). Abrasion Resistant.
(3). Water-Base.
(4). Water Stain Resistant.
(5). Superior Exterior Durability.

USES:

(1). Concrete Courts
(2). Asphalt Courts
(3). Basketball Courts
(4). Racquetball Courts
(5). Asphalt Stripping
(6). Tennis Courts

TECHNICAL DATA SHEET
TENNIS COURT COATING

APPLICATION & REDUCTION:
Thin first coat 40-50% with water so that it penetrates and seals surface. Apply second and/or third coats at packaged consistency or with minimum thinning as needed for ease of application and proper flow and leveling. For repaint of existing coatings, apply a test patch to test for proper adhesion and compatibility. Apply two coats at packaged consistency, or with minimum thinning for ease of application and proper flow and leveling, using the cross hatch application method

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Loose or peeling paint must be removed by sanding, scraping, waterblast or sandblasting. All mildew must be removed before application. Remove by scrubbing with a solution made of 1 quart household bleach in 3 quarts of water. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Scrub to remove any contaminants. Careful surface preparation is the key to a long lasting and successful job. Acid etching of concrete is recommended for proper adhesion and penetration of the first coat into the pores of the concrete.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
KEEP FROM FREEZING!

TECHNICAL DATA SHEET
TT-P-1952 WATERBASE TRAFFIC PAINT
300G19

PRODUCT: A conventional dry waterbase traffic coating which meets Federal Specification TT-P-1952B.

DESCRIPTION: A specially formulated modified acrylic waterbase traffic paint formulated to meet TT-P-1952B Types 1 & 2. It can be applied by brush, roll or spray to a variety of substrates. TT-P-1952 Pea Green can be applied to emulsified coal tar and uncured asphalt surfaces where solvent systems may cause the surface to crack and lift.

PROPERTIES:

COLOR	Pea Green
SOLIDS(Weight)	63 - 65%
GRIND	4+
VISCOSITY	70 - 90 KU
VEHICLE TYPE	Acrylic Latex
THINNER	Water
CLEAN-UP	Water

ADVANTAGES:
(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Water Clean-Up and Thinning.
(5). Low Odor.
(6). Lead & Chromate Free

USES:
(1). Airport Runways.
(2). Concrete.
(3). Asphalt.
(4). Highways and Streets.
(5). Field Marking.

TECHNICAL DATA SHEET
TT-P-1952 WATERBASE TRAFFIC PAINT
300G19
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs TT-P-1952 Pea Green Acrylic Latex Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. For spraying, strain through a nylon mesh filter bag and thin as required for equipment used. For brush and roll, thin up to 1 pint of water per gallon of paint.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from Freezing !

TECHNICAL DATA SHEET
ELASTOMERIC WHITE PRIMER
PAGE 1 OF 2

PRODUCT: A conventional dry waterbase elastomeric primer.

DESCRIPTION: A specially formulated modified acrylic elastomeric primer. It can be applied by brush, roll or spray to a variety of substrates. This primer can be applied to emulsified coal tar and uncured asphalt surfaces where solvent systems may cause the surface to crack and lift.

PROPERTIES:

COLOR	White
SOLIDS(Weight)	60 - 62%
GRIND	4+
VISCOSITY	70 - 90 KU
VEHICLE TYPE	Acrylic Latex
THINNER	Water
CLEAN-UP	Water

ADVANTAGES:
(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Water Clean-Up and Thinning.
(5). Low Odor.
(6). Lead & Chromate Free

USES:
(1). Airport Runways.
(2). Concrete.
(3). Asphalt.
(4). Tennis Courts
(5). Field Marking.
(6). Streets & Highways

TECHNICAL DATA SHEET
TT-P-1952 WATERBASE TRAFFIC PAINT
300G19
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs Elastomeric White Primer can be applied by brush, roll or spray. Mix thoroughly before use. For spraying, strain through a nylon mesh filter bag and thin as required for equipment used. For brush and roll, thin up to 1 pint of water per gallon of paint.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from freezing.

TECHNICAL DATA SHEET
WATERBASE ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A waterborne modified acrylic coating that is formulated specifically for use on properly prepared concrete and masonry surfaces.

DESCRIPTION: A specially formulated modified acrylic based coating for exterior and interior concrete and masonry surfaces. It has excellent resistance to stains from spills of mineral oils, vegetable oils, greases, water, alkali and acids.

PROPERTIES:

COLORS..... Full Range
SOLIDS(Weight)..... 55 - 59%*
THEORETICAL COVERAGE..... 250 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 2 - 4 Hours
TO RECOAT..... 8 Hours
VEHICLE TYPE..... Acrylic Polymer
WEIGHT/GAL..... 10.4 - 11.2 Lbs*
* Values may vary with color.

ADVANTAGES:

(1). Waterbase
(2). Low V.O.C. Content
(3). Seals Surface
(4). Moisture Resistant
(5). UV Resistant

USES:

(1). Masonry
(2). Brick
(3). Block
(4). Pool Decks
(5). Stucco

APPLICATION & REDUCTION:

Griggs Waterbase Acrylic can be thinned with water as needed for application purposes. Thin up to 1/2 pint of water per gallon of coating. First coat should be thinned 25% by volume with water for proper penetration on bare concrete or masonry surfaces. Apply second coat at packaged consistency.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Chalky surfaces must be sealed with Chalk-Bond before painting. Loose or peeling paint must be scraped and made sound before applying over previously painted surfaces.

PRECAUTIONS:

Keep from Freezing.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
FLEXOCRYL COATING 300W143
PAGE 1 OF 3

PRODUCT: An elastomeric acrylic latex coating.

DESCRIPTION: An elastomeric low-sheen acrylic latex coating with excellent abrasion and weather resistance. Griggs Flexocryl is formulated with high grade elastomeric resins for added strength and flexibility. This product may be used on many types of decks, including wood, concrete, asphalt and galvanized metal.

PROPERTIES:

COLOR	White
SOLIDS(Weight)	73 - 75%
THEORETICAL COVERAGE	350 - 400 sq.ft/gal
DRYING TIME-AT 75 DEGREES F:	
TO TOUCH	30 Minutes
DRY HARD	4 Hours
TO RECOAT	5-6 Hours
VEHICLE TYPE	Elastomeric Blend
GLOSS	5-10 @ 60 Degrees

ADVANTAGES:
(1). Excellent Flexibility.
(2). Abrasion Resistant.
(3). Water-Base.
(4). Water Stain Resistant.
(5). Superior Exterior Durability.
(6). Seals and Protects.

USES:
(1). Carport Decks
(2). Exterior Balconies/Roofs
(3). Wood
(4). Exterior Metal Decks
(5). Asphalt
(6). Concrete Decks & Floors

APPLICATION & REDUCTION:
Griggs Flexocryl Coating may be thinned with water if necessary. Use at packaged consistency for most applications.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Loose or peeling paint must be removed by sanding, scraping, waterblast or sandblasting. All mildew must be removed before application. Remove by scrubbing with a solution made of 1 quart household bleach in 3 quarts of water. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Scrub to remove any contaminants. Careful surface preparation is the key to a long lasting and successful job. Acid etching of concrete is recommended for proper adhesion.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product. Keep from freezing.

TECHNICAL DATA SHEET
FLEXOCRYL COATING 300W143
PAGE 3 OF 3

FLEXOCRYL PRODUCT DATA & SPECIFICATIONS

DESCRIPTION: A high-solids, rubber modified, acrylic terpolymer coating. Griggs Flexocryl combines superior elongation and tensile strength with a Class B flame spread rating. It has excellent resistance to ponded water and can be used as an intermediate coat in high build flooring applications. May be applied by airless spray, roller or brush. Do not apply over wet surface, under threat of rain, below 40 Degrees Fahrenheit, or when temperature is expected to fall below freezing within 24 hours of application.

SHELF LIFE:..... One Year

COLORS:..... Full range

SOLIDS CONTENT:..... 73 - 75% By Weight

WATER VAPOR TRANSMISSION:..(ASTM D-1653) 2 Perms

ACCELERATED WEATHERING:....(ASTM D-822) No Change, 9000 Hrs

ELONGATION to BREAK:.....(ASTM D-2370-68) 450%

TENSILE STRENGTH:.....(ASTM D-2370-68) 171 psi, 30 Mils

FLAMMABILITY:.....(ASTM E-108) Class B

TECHNICAL DATA SHEET
POOL DECK COATING
310 SERIES ACRYLIC
PAGE 1 OF 2

PRODUCT: A waterborne modified acrylic pool deck coating.

DESCRIPTION: An waterborne acrylic pool deck coating with excellent abrasion and weather resistance. This coating is formulated with high grade waterborne resins for added strength and flexibility. This product may be used on many types of decks, including wood, concrete, asphalt and galvanized metal.

PROPERTIES:

COLORS..... Full Range
SOLIDS(Weight)..... 66 - 70%
THEORETICAL COVERAGE..... 350 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1.5 mils @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 30 Minutes
TO RECOAT..... 5 - 6 Hours
VEHICLE TYPE..... Acrylic Blend
GLOSS..... 30-50 @ 60 Degrees

ADVANTAGES:

(1). Excellent Weathering.
(2). Abrasion Resistant.
(3). Water-Base.
(4). Water Stain Resistant.

USES:

(1). Carport Decks
(2). Exterior Balconies
(3). Wood
(4). Exterior Metal Decks
(5). Pool Decks
(6). Concrete Decks & Floors
(7). Asphalt

TECHNICAL DATA SHEET
POOL DECK COATING
310 SERIES ACRYLIC
PAGE 2 OF 2

APPLICATION & REDUCTION:

Thin 20-25% by volume with water for first coat on bare concrete for penetration into the pores to achieve maximum adhesion. Use at packaged consistency on second coat for most applications.

SURFACE PREPARATION:

Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Loose or peeling paint must be removed by sanding, scraping, waterblast or sandblasting. All mildew must be removed before application. Remove by scrubbing with a solution made of 1 quart household bleach in 3 quarts of water. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Scrub to remove any contaminants. Careful surface preparation is the key to a long lasting and successful job. Acid etching of concrete is recommended for proper adhesion.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from freezing.

TECHNICAL DATA SHEET
FLEXOCRYL FLOOR & DECK
310 SERIES
PAGE 1 OF 2

PRODUCT: An waterborne acrylic latex floor & deck coating.

DESCRIPTION: An waterborne semi-gloss acrylic latex floor & deck coating with excellent abrasion and weather resistance. Griggs Flexocryl is formulated with high grade waterborne resins for added strength and flexibility. This product may be used on many types of decks, including wood, asphalt and galvanized metal.

PROPERTIES:

COLORS..... Full Range
SOLIDS(Weight)..... 73 - 75%
THEORETICAL COVERAGE..... 350 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1.5 mils @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 30 Minutes
TO RECOAT..... 5 - 6 Hours
VEHICLE TYPE..... Acrylic Blend
GLOSS..... 30-50 @ 60 Degrees

ADVANTAGES:

(1). Excellent Weathering.
(2). Abrasion Resistant.
(3). Water-Base.
(4). Water Stain Resistant.

USES:

(1). Carport Decks
(2). Exterior Balconies
(3). Wood
(4). Exterior Metal Decks
(5). Asphalt
(6). Concrete Decks & Floors

TECHNICAL DATA SHEET
FLEXOCRYL FLOOR & DECK
310 SERIES
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs Flexocryl Floor & Deck Coating may be thinned with water if necessary. Use at packaged consistency for most applications.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Loose or peeling paint must be removed by sanding, scraping, waterblast or sandblasting. All mildew must be removed before application. Remove by scrubbing with a solution made of 1 quart household bleach in 3 quarts of water. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Scrub to remove any contaminants. Careful surface preparation is the key to a long lasting and successful job. Acid etching of concrete is recommended for proper adhesion.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from freezing.

TECHNICAL DATA SHEET
ACRYLIC ENAMEL
310 SERIES WATERBORNE
PAGE 1 OF 2

PRODUCT: An air-dry, waterbase, acrylic coating for industrial applications.

DESCRIPTION: A high grade water reducible acrylic type copolymer gloss and medium gloss enamels intended for use on primed metal, concrete, wood and other substrates. It is highly weather resistant and has superior color and gloss retention.

PROPERTIES:

COLORS..... Full Spectrum(All Colors)
SOLIDS(Volume)*..... 67%
THEORETICAL COVERAGE*..... 350 sq.ft/gal
DRY FILM THICKNESS..... 1.5 mils p/coat

DRYING TIME-AT 77 DEGREES F:

SET-TO-TOUCH..... 1 HOUR**
DRY HARD..... 8 HOURS**
FULL CURE..... 72 HOURS**
VEHICLE TYPE..... ACRYLIC POLYMER
*Values may vary with color.
**Drying times @ 77 Degrees Fahrenheit

ADVANTAGES:

(1). Excellent Weather Resistance.
(2). Quick-Dry
(3). Excellent Coverage.
(4). Excellent Gloss Retention.

USES:

(1). Steel
(2). Concrete
(3). Tanks
(4). Railings
(5). Wood
(6). Pool Decks
(7). Machinery
(8). Floors
(9). Equipment

TECHNICAL DATA SHEET
ACRYLIC ENAMEL
310 SERIES WATERBORNE

APPLICATION & REDUCTION:

Griggs Waterbase Urethane Acrylic enamels may be applied by airless or conventional spray or roller application. For conventional spraying, thin up to 15% or as needed with tap water. Use as is or with minimum thinning for airless application.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Concrete should be etched for maximum penetration into pores. Allow 72 hours drying time for full service, at 77 Degrees Fahrenheit. Lower temperatures will increase drying and full cure times.

STEEL:
Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

PRECAUTIONS:

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

KEEP FROM FREEZING!

TECHNICAL DATA SHEET
WATERBASE ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A waterborne modified acrylic coating that is formulated specifically for use on properly prepared concrete and masonry surfaces.

DESCRIPTION: A specially formulated modified acrylic based coating for exterior and interior concrete and masonry surfaces. It has excellent resistance to stains from spills of mineral oils, vegetable oils, greases, water, alkali and acids.

PROPERTIES:

COLORS..... Full Range
SOLIDS(Weight)..... 55 - 59%*
THEORETICAL COVERAGE..... 250 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 2 - 4 Hours
TO RECOAT..... 8 Hours
VEHICLE TYPE..... Acrylic Polymer
WEIGHT/GAL..... 10.4 - 11.2 Lbs*
* Values may vary with color.

ADVANTAGES:

(1). Waterbase
(2). Low V.O.C. Content
(3). Seals Surface
(4). Moisture Resistant
(5). UV Resistant

USES:

(1). Masonry
(2). Brick
(3). Block
(4). Pool Decks
(5). Stucco

APPLICATION & REDUCTION:

Griggs Waterbase Acrylic can be thinned with water as needed for application purposes. Thin up to 1/2 pint of water per gallon of coating. First coat should be thinned 25% by volume with water for proper penetration on bare concrete or masonry surfaces. Apply second coat at packaged consistency.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Chalky surfaces must be sealed with Chalk-Bond before painting. Loose or peeling paint must be scraped and made sound before applying over previously painted surfaces.

PRECAUTIONS:

Keep from Freezing.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
ACRYLIC URETHANE ENAMEL
DC7337 SERIES WATERBORNE

PRODUCT: An air-dry, industrial grade, waterbase, urethane acrylic coating for heavy duty applications.

DESCRIPTION: A high grade water reducible acrylic urethane type copolymer gloss, semigloss and flat finish intended for use on primed metal, concrete, wood and other substrates. It is highly weather resistant and has superior color and gloss retention.

PROPERTIES:
COLORS..... Clear & Full Spectrum(All Colors)
SOLIDS(Volume)*..... 28 - 30%
THEORETICAL COVERAGE*..... 300 - 325 sq.ft/gal
DRY FILM THICKNESS..... 1.5 mils p/coat
DRYING TIME-AT 77 DEGREES F:
SET-TO-TOUCH..... 1 HOUR**
DRY HARD..... 8 HOURS**
FULL CURE..... 72 HOURS**
VEHICLE TYPE..... URETHANE/ACRYLIC
*Values may vary with color.
**Drying times @ 77 Degrees Fahrenheit

ADVANTAGES:
(1). Excellent Weather Resistance.
(2). Quick-Dry
(3). Excellent Coverage.
(4). Excellent Gloss Retention.
(5). Chemical & Water Resistant

USES:
(1). Steel
(2). Concrete
(3). Tanks
(4). Wood
(5). Equipment
(6). Pool Decks
(7). Vinyl/Canvas
(8). Floors

APPLICATION & REDUCTION:

Griggs DC7337 Series Urethane Acrylic coatings may be applied by airless or conventional spray or roller application. For conventional spraying, thin up to 5% with tap water. Use as is or with minimum thinning for airless application.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Wood must be sanded and properly cleaned. Concrete should be etched for maximum penetration into pores. Allow 72 hours drying time for full service, at 77 Degrees Fahrenheit. Lower temperatures will increase drying and full cure times.

STEEL:
Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

PRECAUTIONS:

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

KEEP FROM FREEZING!

TECHNICAL DATA SHEET
WATERBASE CONCRETE STAIN
PAGE 1 OF 2

PRODUCT: A waterbase acrylic monomer penetrating stain designed to give excellent water repellency and penetration. All colors are semi-opaque.

DESCRIPTION: Griggs Waterbase Concrete Stain is a water-repellent, semi-opaque penetrating coating that will provide years of protection and beauty to any concrete surface or structure. Due to its superior penetrating properties, it exhibits excellent adhesion to properly prepared substrates. This coating also provides excellent weather and UV resistance.

PROPERTIES:

COLORS..... Full Range
FINISH..... Low Sheen to Flat
PIGMENT..... Inorganic Oxides
VEHICLE..... Methacrylic Monomer Resin
WEIGHT/GAL..... 8.7 - 9.7 lbs.
SOLVENT..... Water
VISCOSITY..... 150-500 CPS
SOLIDS(Volume)..... 21% min.
Coverage at 2 mils.(20% loss)..... 150 sq. ft. gal

RESISTANCE TO:
OILS..... Excellent
GREASE..... Excellent
WATER..... Excellent
WEATHER..... Excellent

ADVANTAGES:

(1). Highly Durable
(2). Water Repellent
(3). Oil Resistant
(4). Penetrating
(5). Low V.O.C. Content
(6). Ultraviolet Resistant

TECHNICAL DATA SHEET
WATERBASE CONCRETE STAIN
PAGE 2 OF 2

USES:
(1). Concrete Structures
(2). Driveways
(3). Garages
(4). Carports
(5). Walkways
(6). Wood

APPLICATION & REDUCTION: Griggs Acrylic Stain can be brushed, rolled or sprayed. This product is normally ready for application as supplied. If thinning is necessary, use clean tap water. Do not apply when ambient or surface temperatures below 50 degrees Fahrenheit.

PRECAUTIONS:

Use with adequate ventilation.

Avoid contact with skin and eyes.

KEEP OUT OF THE REACH OF CHILDREN!

Do not take internally.

Avoid breathing vapor or mist.

Read Material Safety Data Sheet before using this product.

Keep from freezing !

TECHNICAL DATA SHEET
SUPERFLEX FLOOR & DECK
PAGE 1 OF 2

PRODUCT: A waterbase, elastomeric acrylic latex floor & deck coating with outstanding flexibility and film elongation. Incorporates new resin technology to produce a rubberized coating.

DESCRIPTION: A waterbase elastomeric gloss, acrylic floor & deck coating. Griggs SuperFlex has outstanding flexibility and film elongation for surfaces that have an extreme amount of expansion and contraction. It is formulated with a special blend of high grade elastomeric resins for improved flexibility. This product may be used on many types of decks, including wood, concrete, asphalt and galvanized metal. Can be made non-skid with the addition of sand or crushed walnut shells.

PROPERTIES:

COLORS..... Full Range
SOLIDS(Weight)..... 44 - 46%
THEORETICAL COVERAGE..... 325 - 375 sq.ft/gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 60 Minutes
DRY HARD..... 8 Hours
TO RECOAT..... 12 Hours
VEHICLE TYPE..... Elastomeric Blend
GLOSS..... 60-65 @ 60 Degrees
ELONGATION..... 450 - 500%

ADVANTAGES:

(1). Superior Flexibility.
(2). Abrasion Resistant.
(3). Excellent Film Elongation.
(4). Water Stain Resistant.
(5). Excellent Exterior Durability.
(6). Resists Substrate Expansion and Contraction.
(7). Resilient Film

TECHNICAL DATA SHEET
SUPERFLEX FLOOR & DECK
PAGE 2 OF 2

USES:
(1). Carport Decks
(2). Exterior Balconies/Roofs
(3). Wood
(4). Exterior Metal Decks
(5). Asphalt
(6). Concrete Decks & Floors

APPLICATION & REDUCTION:
Griggs SuperFlex Floor & Deck Coating may be thinned with water if necessary. Use at packaged consistency for most applications.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Loose or peeling paint must be removed by sanding, scraping, waterblast or sandblasting. All mildew must be removed before application. Remove by scrubbing with a solution made of 1 quart household bleach in 3 quarts of water. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Scrub to remove any contaminants. Careful surface preparation is the key to a long lasting and successful job. Acid etching of concrete is recommended for proper adhesion. Wood surfaces must be clean and sanded before application.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from freezing.

TECHNICAL DATA SHEET
TT-P-110C TYPE I
TRAFFIC PAINT BLACK
PAGE 1 OF 2

PRODUCT: A conventional dry solvent-base traffic coating which meets Federal Specification TT-P-110C Type I.

DESCRIPTION: A ready-mixed traffic paint for marking of and obliterating markings on runways and highways. This product contains a high prime pigment content for high opacity. Meets Federal Specification TT-P-110C Type I.

PROPERTIES:

COLOR	Black
PIGMENT(Weight)	40 - 50%
GRIND	4+
VISCOSITY	70 - 82 KU
DRYING TIME	30 Mins Max
VEHICLE TYPE	Chlorinated/Alkyd
THINNER	Toluene
CLEAN-UP	Xylene

ADVANTAGES:
(1). Early Water Resistance
(2). Rapid Dry
(3). Early Tracking Resistance
(4). Meets TT-P-110C Type I (5). High Solids

USES:
(1). Portland Cement
(2). Concrete
(3). Asphalt
(4). Highways and Streets
(5). Brick

TECHNICAL DATA SHEET
TT-P-110C TYPE I
TRAFFIC PAINT BLACK

APPLICATION & REDUCTION:
Griggs TT-P-115F Type II Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with toluene not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection.
Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
500C02 EXTERIOR ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 26 - 28%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 7.7 - 8.0 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

APPLICATION & REDUCTION:

Griggs Exterior Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
500C06 EXTERIOR ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 45 - 47%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.1 - 8.3 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.
(5). Concrete

APPLICATION & REDUCTION:

Griggs Exterior Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
500C15 EXTERIOR ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 45 - 47%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal
DRYING TIME-AT 75 DEGREES F:
TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.1 - 8.3 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

TECHNICAL DATA SHEET
500C15 EXTERIOR ACRYLIC COATING
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Exterior Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
500C18 EXTERIOR ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 45 - 47%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.1 - 8.3 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

APPLICATION & REDUCTION:

Griggs Exterior Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
500C38 FLAT CLEAR
MASONRY ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A flat, clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated flat clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Flat
SOLIDS(Weight)..... 37 - 39%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.0 - 8.2 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

TECHNICAL DATA SHEET
500C38 FLAT CLEAR
MASONRY ACRYLIC COATING

APPLICATION & REDUCTION:

Griggs Flat Clear Masonry Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
500C45 EXTERIOR ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 45 - 47%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.1 - 8.3 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

TECHNICAL DATA SHEET
500C45 EXTERIOR ACRYLIC COATING

APPLICATION & REDUCTION:

Griggs Exterior Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

Flammable Liquid !!!

TECHNICAL DATA SHEET
500C52
EXTERIOR ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared masonry surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed for exterior and interior porous concrete surfaces. For use on concrete floors, garages, factories, carports, pool decking, sidewalks and driveways. It is fast drying and forms a film that seals pores and prevents concrete from pitting. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 45 - 47%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 5 - 10 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.1 - 8.3 lbs

ADVANTAGES:

(1). Acrylic Sealer.
(2). Fast Drying.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Masonry
(2). Brick.
(3). Block.
(4). Stucco.

APPLICATION & REDUCTION:

Griggs Exterior Acrylic Coating can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Treat concrete floors having heavy saturation of grease with dry sand or grease absorbing powder, and allow to stand overnight. Then sweep sand or powder up and apply a solution of TSP in water and scrub with stiff bristle or wire brush. Rinse well with clean water. Repeat if oil or grease is not completely removed. Scrub entire floor, rinse and let dry. Concrete surface should be etched with a 25% solution of muriatic acid. New concrete should not be etched for 3 months. After etching, rinse and let dry.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
ACRYLIC MASONRY STAIN/SEALER 500N20
PAGE 1 OF 2

PRODUCT: A methylmethacrylate--ethyl acrylate penetrating stain/sealer designed to give excellent water repellency and penetration. All colors are semi-opaque.

DESCRIPTION: Griggs Acrylic Masonry Stain/Sealer is a water repellent, penetrating coating that will provide years of protection and beauty to any concrete surface or structure. Due to its superior penetrating properties, it exhibits excellent adhesion to properly prepared substrates. This product is available is a full range of colors including Federal 595 Colors.

PROPERTIES:

COLOR	#30318
FINISH(Normal)	10 Degrees Max.
VEHICLE	Methmethacrylate
SOLIDS(Weight)	32 - 45%
SOLIDS(Volume)	21 - 28%
WEIGHT/GAL	8.3 - 8.6#
GRIND	7 Hegman
VISCOSITY	60 - 75 KU
PIGMENT TO RESIN RATIO	1.2:1.0 - 0.7:1.0
DRY TIME TO TOUCH	30 Minutes
DRY TO RECOAT	5 Hours Max.

ADVANTAGES:
(1). Highly Durable.
(2). Ultraviolet Resistant.
(3). Penetrating.
(4). Oil Resistant.
(5). Excellent Water Resistance

USES:
(1). Concrete Structures.
(2). Driveways.
(3). Garages.
(4). Carports.
(5). Walkways.

TECHNICAL DATA SHEET
ACRYLIC MASONRY STAIN/SEALER 500N20
PAGE 2 OF 2

APPLICATION: Apply by brush, roller or spray methods. For brush and roll, use at packaged viscosity. For spray application, reduce 5-10% by volume with xylol.

PRODUCT: A ready-mixed, penetrating acrylic stain/sealer coating.

SURFACE PREPARATION: All surfaces must be clean, dry and free of all dirt, dust, grease or any foreign contaminants. This is most efficiently achieved by sandblasting. When sandblasting is impossible, acid etch with a 25% solution of Muriatic Acid, neutralize with an ammonia solution and let dry thoroughly. Do not apply at temperatures below 50 degrees Fahrenheit.

PRECAUTIONS: Use with adequate ventilation.

Avoid contact with skin and eyes.

Do not take internally.

KEEP OUT OF THE REACH OF CHILDREN.

Vapor Harmful.

Wash hands after using.

TECHNICAL DATA SHEET
TT-P-115F TYPE II TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A conventional dry solvent-base traffic coating which meets Federal Specification TT-P-115F Type II.

DESCRIPTION: A ready-mixed traffic paint for application to traffic bearing surfaces, such as Portland cement, concrete, bituminous pavement, brick surfaces of streets, highways, bridges, tunnels, etc. Meets Federal Specification TT-P-115F Type II.

PROPERTIES:

COLORS	Red,Blue,Black,White & Yellow
PIGMENT(Weight)	57 Min.
GRIND	4+
VISCOSITY	70 - 80 KU
DRYING TIME	5 Mins Max
VEHICLE TYPE	Chlorinated/Alkyd
THINNER	Toluene
CLEAN-UP	Xylene

ADVANTAGES:
(1). Early Water Resistance
(2). Rapid Dry
(3). Early Tracking Resistance
(4). Meets TT-P-115F Type II (5). High Solids

USES:
(1). Portland Cement
(2). Concrete
(3). Asphalt
(4). Highways and Streets
(5). Brick

TECHNICAL DATA SHEET
TT-P-115F TYPE II TRAFFIC PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs TT-P-115F Type II Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with toluene not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection.
Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-P-115F TYPE I TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A conventional dry solvent-base traffic coating which meets Federal Specification TT-P-115F Type I.

DESCRIPTION: A ready-mixed traffic paint for application to traffic bearing surfaces, such as Portland cement, concrete, bituminous pavement, brick surfaces of streets, highways, bridges, tunnels, etc. Meets Federal Specification TT-P-115F Type I.

PROPERTIES:

COLORS	Red,Black,Blue,White & Yellow
PIGMENT(Weight)	54 Min.
GRIND	4+
VISCOSITY	70 - 80 KU
DRYING TIME	30 Mins Max
VEHICLE TYPE	Chlorinated/Alkyd
THINNER	Toluene
CLEAN-UP	Xylene

ADVANTAGES:
(1). Early Water Resistance
(2). Rapid Dry
(3). Early Tracking Resistance
(4). Meets TT-P-115F Type I
(5). High Solids

USES:
(1). Portland Cement
(2). Concrete
(3). Asphalt
(4). Highways and Streets
(5). Brick

TECHNICAL DATA SHEET
TT-P-115F TYPE I TRAFFIC PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs TT-P-115F Type I Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with toluene not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection.
Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
VINYL FLOOR ENAMEL
PAGE 1 OF 2

PRODUCT: A high quality vinyl floor enamel for use on concrete and masonry surfaces. This product is extremely durable and provides a chemical resistant surface. This is a single-component coating, no catalyst required.

DESCRIPTION: A specially formulated vinyl coating for concrete and masonry surfaces. Griggs vinyl floor enamels are chemical resistant and extremely durable. This coating is specially formulated for high traffic areas due to its epoxy modification.

PROPERTIES:

COLORS..... Full Spectrum
SOLIDS(Weight)*..... 45 - 50%
THEORETICAL COVERAGE*..... 300 - 350 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat

DRYING TIME-AT 75 DEGREES F:

TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Modified Vinyl
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:

(1). Provides a Chemical Resistant Surface
(2). Excellent Adhesion
(3). Extremely Durable
(4). Excellent Adhesion
(5). Extremely Washable
(6). Resistance to Acids and Alkalis
(7). Resistance to water and humidity
(8). Resistance to Abrasion

USES:

(1). Chemical Containment
(2). Concrete
(3). Masonry

APPLICATION & REDUCTION:

Griggs Vinyl Coatings are formulated for brush, roll or spray application. Use at packaged viscosity or thin as needed with Vinyl Reducer, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application of non-skid coating.

PRECAUTIONS:

Contents are Flammable.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
FLOOR & DECK ENAMEL
PAGE 1 OF 2

PRODUCT: A high quality modified alkyd floor and deck enamel for use on concrete, wood and masonry floors.

DESCRIPTION: A specially formulated alkyd coating for concrete and masonry surfaces. Griggs Alkyd Floor & Deck Enamels are durable and easy to use. Can be made "non-skid" with the addition of additive.

PROPERTIES:

COLORS..... Full Spectrum
SOLIDS(Weight)*..... 45 - 65%
THEORETICAL COVERAGE*..... 300 - 350 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat

DRYING TIME-AT 75 DEGREES F:

TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Modified Alkyd
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:

(1). Full Color Range
(2). Good Adhesion
(3). Durable
(4). Washable
(5). Abrasion Resistant
(6). Available in "Non-Skid"

USES:

(1). Car Ports
(2). Concrete
(3). Wood
(4). Patios
(5). Masonry

APPLICATION & REDUCTION:

Griggs Floor & Deck Enamels are formulated for brush, roll or spray application. Use at packaged viscosity or thin as needed with Synthetic Reducer, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application.

PRECAUTIONS:

Contents are Flammable.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
EPOXY CRACK FILLER

PRODUCT: A liquid modified 100% solids epoxy coating with room temperature curing. Excellent adhesion to concrete and other materials. This coating will cure in the presence of moisture.

MAJOR USES: Patching and surfacing, patching compounds, adhesives, bonding new and old concrete, potting and encapsulation, casting, hand lay laminating and seamless floors.

PROPERTIES:
100% solids
Tensile strength..... 400 - 500 PSI
Tensile elongation..... D-638
Pot life at 77 F..... 15 - 35 minutes
Chemical and acid resistance..... Excellent

APPLICATION: Griggs Epoxy Crack Filler is supplied in kits that yield 1 gal. This material can be poured directly into the crack. Always remember to mix Part A with Part B. It is very important to mix both parts well before use. Also very important is the thorough mixing after combining part A with part B.

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY.

TECHNICAL DATA SHEET
ENVIRO-GARD 100% SOLIDS EPOXY COATING
PAGE 1 OF 5

PRODUCT: A liquid modified 100% solids epoxy screed three component coating designed for severe chemical exposure conditions.

MAJOR USES: Industrial applications where superior resistance to chemicals, abrasion and solvents is required on concrete surfaces.

PROPERTIES: 100% Solids Modified Epoxy Coating.

Cure Time:

Light Service..... 12-24 hours
Full Service..... 30-36 hours
Resistant to..... Chemicals, Cleaning Solvents, Acids, Jet Fuels, Degreasers and Solvents.

SURFACE PREPARATIONS:

The minimum cure time of concrete must be least 30 days before application of epoxy coating(concrete shrinks during the normal curing process and may continue to shrink and settle after the 30 day curing period). Ambient & surface temperature of substrate must be above 50 degrees F for proper curing of Griggs Enviro-Gard Epoxy Coating. The concrete to be coated should be dry and free of all loose debris, dirt, dust, curing compounds, release agents and other contaminants to produce a sound surface before application.

MIXING:

Mix Component A & B until all pigments and settlement are completely mixed in before combining the two components. Then slowly pour component B into component A mixing slowly. Mixed admixed material 1 - 2 1/2 minutes until thoroughly mixed (if components A & B are not completely mixed this will severely effect the curing process). Manual or mechanical mixing may be used. Add aggregate component and MIX WELL.

Dispense admixed material and clean tools immediately (cleaning may be done with Lacquer Thinner or warm soapy water). To extend the pot life, components A & B may be inserted into a freezer or ice bath before mixing the 2 components with each other.

APPLICATION: Griggs Enviro-Gard Epoxy is supplied in 1-gallon and 5-gallon kits. Coating may be applied using a roller, squeegee, sprayer or trowel. For best results, mechanically mix each component before combining. Mix components 1 and 2 at a ratio of 3:1 by volume. Add aggregate component and mix well by mechanical means. Pot life is approximately 40 to 60 minutes at 77 Degrees F and shortens significantly as the temperature increases. Use and dispense admixed material on to the substrate immediately, pot life will lessen as it develops heat while in the bucket due to its exothermic properties. If spraying, take caution to prevent epoxy from hardening in pump and hoses. A plural component rig is recommended due to short pot life of this coating. Clean equipment immediately after use and before work breaks. For best results, use in or create a shaded area out of direct sunlight. Contact your Griggs representative for specific surface preparation and application recommendations.

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations. **CAUTION: Admixed material may reach temperatures above 150 Degrees F in container.** Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY. READ MSDS BEFORE USE.

TYPICAL PROPERTIES AND RESISTANCE DATA

Tensile

Strength:	12,500 psi
Modulus:	479,400 psi
Elongation:	5.0%

Flexural

Strength:	21,143 psi
Modulus:	487,355
Yield strain:	5.9%

Dielectric Strength:	508 volts/mil
Heat Deflection Temperature:	106 Deg C

The following 10 chemicals/solvents were evaluated at ambient temperature. Three cured specimens, each measuring 1" x 3" x .0125" were immersed in the specific chemical/solvent, and weights were checked at given intervals for change. Weight change is reported as % change from the initial measurement. These specimens were cured for two hours at 100 Deg C.

	24hrs	7 days	28 days	90 days	180 days
WATER	0.17	0.41	0.84	1.48	2.23
SODIUM HYDROXIDE	0.19	0.33	0.70	1.21	1.85
5% ACETIC ACID	0.66	2.00	4.01	7.06	10.53
XYLENE/IPA(1:1 MIX)	0.00	0.03	0.03	0.02	0.07
98% SULFURIC ACID	0.17	0.28	0.38	0.55	0.84
METHYL ETHYL KETONE	0.02	0.00	0.00	0.08	0.29
METHANOL	0.31	0.85	1.88	3.59	5.73
METHYLENE CHLORIDE	1.14	7.19	24.6	41.7	40.76
GASOLINE	0.04	0.06	0.08	0.14	0.34
DIESEL FUEL	0.10	0.14	0.11	0.10	0.22

PROPERTIES

SOLIDS(Volume):..... 100%
Weight/Gallon(Admixed):..... 9.5 lbs
Viscosity(Brookfield):..... 11,200 cP @ 25 Deg C
Pot Life @ 75 Deg F:..... 45 - 60 Minutes
Theoretical Coverage..... 321 sq ft/gal*
(7.9 sq m/l @ 125 microns)
* at 5 mils thick

DRYING TIMES @ 75 DEGREES F:

Dry-to-Touch:..... 10 - 12 Hours
Dry Hard:..... 24 Hours Full
Cure:..... 36 Hours

TECHNICAL DATA SHEET
ENVIRO-GARD 100% SOLIDS EPOXY COATING
PAGE 5 OF 5

SPECIAL NOTES:

Griggs Enviro-Gard 100% Solids Epoxy is a specially formulated coating to be used as a self-leveling epoxy floor coating system for industrial environments. The surface preparation of the concrete will greatly effect the final results. The concrete must be cured for at least 30 days and free of all dirt, debris, dust, oils, grease, fats, chemicals, old coatings, curing compounds, laitance, efflorescence, salts, and foreign matter. The surface must have a profile similar to 40 -60 grit sandpaper for proper penetration and adhesion of this epoxy. The concrete surface must be dry and have a pH of 7 - 11 with all projections and splatter removed and all surface defects repaired. The temperature of the surface to be coated must be at least 50 Degrees F during application and curing. If this material is used in direct sunlight, bubbles may form due to the expansion of air and/or moisture entrapment in the concrete. A shaded work area is strongly recommended for best results. It is recommended that all materials to be used be stored at a temperature of 70 to 90 Degrees F, twenty-four to forty-eight hours before application. This includes Parts 1 and 2, and aggregate Part 3.

Griggs Paint will replace any product that does not conform to its pre-published manufacturing specifications. Replacement material will be furnished at no charge FOB: Phoenix, Arizona. Griggs makes no other warranties, expressed or implied, concerning its products, information, suggestions and procedures and disclaims all warranties including any implied warranties or merchantability or fitness for a particular use of this product.

TECHNICAL DATA SHEET
8865 CONTAINMENT EPOXY COATING
PAGE 1 OF 5

PRODUCT: A liquid modified 100% solids novolac epoxy two component coating designed for severe chemical exposure conditions.

MAJOR USES: Industrial applications where superior resistance to chemicals, abrasion and solvents is required on concrete surfaces.

PROPERTIES: 100% Solids Modified Epoxy Novolac Coating.

Cure Time:

Light Service..... 12-24 hours
Full Service..... 30-36 hours
Resistant to..... Chemicals, Cleaning Solvents, Acids, Jet Fuels, Degreasers and Solvents.

SURFACE PREPARATIONS:

The minimum cure time of concrete must be least 30 days before application of epoxy coating(concrete shrinks during the normal curing process and may continue to shrink and settle after the 30 day curing period). Ambient & surface temperature of substrate must be above 50 degrees F for proper curing of Griggs 8865 Epoxy Coating. The concrete to be coated should be dry and free of all loose debris, dirt, dust, curing compounds, release agents and other contaminants to produce a sound surface before application.

MIXING:

Mix Component A & B until all pigments and settlement are completely mixed in before combining the two components. Then slowly pour component B into component A mixing slowly. Mixed admixed material 1 - 2 1/2 minutes until thoroughly mixed (if components A & B are not completely mixed this will severely effect the curing process). Manual or mechanical mixing may be used to mix 8865 Containment Epoxy. Dispense

admixed material and clean tools immediately (cleaning may be done with Lacquer Thinner or warm soapy water). To extend the pot life, 8865 Epoxy components A & B may be inserted into a freezer or ice bath before mixing the 2 components with each other.

APPLICATION: Griggs 8865 Containment Epoxy is supplied in 1-gallon and 5-gallon kits. Coating may be applied using a roller, squeegee, sprayer or trowel. For best results, mechanically mix each component before combining. Mix at a ratio of 3:1 by volume. Silica sand may be added up to a ratio of 3 parts by weight of sand to 1 part by weight of catalyzed epoxy. Pot life is approximately 40 to 60 minutes at 77 Degrees F and shortens significantly as the temperature increases. Use admixed material immediately, pot life will lessen as it develops heat while in the bucket due to its exothermic properties. If spraying, take caution to prevent epoxy from hardening in pump and hoses. A plural component rig is recommended due to short pot life of this coating. Clean equipment immediately after use and before work breaks. For best results, use in or create a shaded area out of direct sunlight. Contact your Griggs representative for specific surface preparation and application recommendations.

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations. **CAUTION: Admixed material may reach temperatures above 150 Degrees F in container.** Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY. READ MSDS BEFORE USE.

TYPICAL PROPERTIES AND RESISTANCE DATA

Tensile

Strength:	12,500 psi
Modulus:	479,400 psi
Elongation:	5.0%

Flexural

Strength:	21,143 psi
Modulus:	487,355
Yield strain:	5.9%

Dielectric Strength:	508 volts/mil
Heat Deflection Temperature:	106 Deg C

The following 10 chemicals/solvents were evaluated at ambient temperature. Three cured specimens, each measuring 1" x 3" x .0125" were immersed in the specific chemical/solvent, and weights were checked at given intervals for change. Weight change is reported as % change from the initial measurement. These specimens were cured for two hours at 100 Deg C.

	24hrs	7 days	28 days	90 days	180 days
WATER	0.17	0.41	0.84	1.48	2.23
SODIUM HYDROXIDE	0.19	0.33	0.70	1.21	1.85
5% ACETIC ACID	0.66	2.00	4.01	7.06	10.53
XYLENE/IPA(1:1 MIX)	0.00	0.03	0.03	0.02	0.07
98% SULFURIC ACID	0.17	0.28	0.38	0.55	0.84
METHYL ETHYL KETONE	0.02	0.00	0.00	0.08	0.29
METHANOL	0.31	0.85	1.88	3.59	5.73
METHYLENE CHLORIDE	1.14	7.19	24.6	41.7	40.76
GASOLINE	0.04	0.06	0.08	0.14	0.34
DIESEL FUEL	0.10	0.14	0.11	0.10	0.22

PROPERTIES

SOLIDS(Volume):..... 100%
Weight/Gallon(Admixed):..... 9.5 lbs
Viscosity(Brookfield):..... 11,200 cP @ 25 Deg C
Pot Life @ 75 Deg F:..... 45 - 60 Minutes

DRYING TIMES @ 75 DEGREES F:

Dry-to-Touch:..... 10 - 12 Hours
Dry Hard:..... 24 Hours Full
Cure:..... 36 Hours

SPECIAL NOTES:

Griggs 8865 Containment Epoxy is a specially formulated coating to be used as an epoxy barrier for severe chemical exposures. The surface preparation of the concrete will greatly effect the final results. The concrete must be cured for at least 30 days and free of all dirt, debris, dust, oils, grease, fats, chemicals, old coatings, curing compounds, laitance, efflorescence, salts, and foreign matter. The surface must have a profile similar to 40 -60 grit sandpaper for proper penetration and adhesion of this epoxy. The concrete surface must be dry and have a pH of 7 - 11 with all projections and splatter removed and

all surface defects repaired. The temperature of the surface to be coated must be at least 50 Degrees F during application and curing. If this material is used in direct sunlight, bubbles may form due to the expansion of air and/or moisture entrapment in the concrete. A shaded work area is strongly recommended for best results. Silica sand may be added to Griggs 8865 up to a ratio of 3 parts sand to 1 part 8865 by weight. Use only clean and dry 20/40 mesh oval/round silica sand that has been prepackaged in moisture proof bags. The use of contaminated silica sand will adversely effect the performance and/or application of Griggs 8865. It is recommended that all materials to be used be stored at a temperature of 70 to 90 Degrees F, twenty-four to forty-eight hours before application. This includes Parts A and B, and any silica sand that may be used.

Griggs Paint will replace any product that does not conform to its pre-published manufacturing specifications. Replacement material will be furnished at no charge FOB: Phoenix, Arizona. Griggs makes no other warranties, expressed or implied, concerning its products, information, suggestions and procedures and disclaims all warranties including any implied warranties or merchantability or fitness for a particular use of this product.

TECHNICAL DATA SHEET
600C16 POLYROCK CF CRACK FILLER
PAGE 1 OF 2

PRODUCT: A clear liquid modified 100% solids epoxy coating with room temperature curing. Excellent adhesion to concrete and other materials. This coating will cure in the presence of moisture.

MAJOR USES: Flooring and surfacing, patching compounds, adhesives, seam/crack fill, bonding new and old concrete, potting and encapsulation, casting, hand lay laminating and seamless floors.

PROPERTIES: 100% solids
Tensile strength: 9,500 - 10,000 P.S.I. Tensile elongation: 6 - 7 Pot life at 77 F: 30 40 minutes. Chemical and acid resistance: Excellent (see manufacture for more details)

APPLICATION: CF 600C16 is supplied in either 1 or 4 gallon net kits. This material can be rolled, poured, squeegeed and brushed with proper tools. Mix 3 parts A with 1 part B by volume. It is very important to mix both parts well before use. Also very important is the thorough mixing after combining part A with part B. For longer pot life we suggest that after mixing well, admixed material be used immediately. Admixed material left in container will develop heat and reduce pot life dramatically.

TECHNICAL DATA SHEET
600C16 POLYROCK CF CRACK FILLER
PAGE 2 OF 2

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY.

TECHNICAL DATA SHEET
HYDROPOX #1 CURB RED PAINT
PAGE 1 OF 3

DESCRIPTION: A water base epoxy-modified coating that provides excellent adhesion, solvent resistance and abrasion resistance with water clean up. Hydropox #1 Curb Red Paint provides a film that has excellent adhesion to many substrates such as concrete, wood, and asphalt. Hydropox #1 Curb Red Paint has low odor and low (VOC) Volatile Organic Compounds content.

PROPERTIES:

COLOR..... Bright Red
FINISH..... Gloss
VEHICLE..... Epoxy Modified Acrylic
SOLIDS(Weight)..... 35 - 37%
SOLIDS(Volume)..... 29 - 31%
COVERAGE..... 300 - 400 sq.ft/gal
DRY-TO-TOUCH..... 1 Hour*
DRY HARD..... 24 Hours*
FULL DRY..... 96 Hours*
* Drying times at 75 - 77 Degrees Fahrenheit

TYPICAL USES:

(1). Garages
(2). Warehouse Floors
(3). Curbing
(4). Wood
(5). Asphalt
(6). Safety Markings

CHARACTERISTICS:

(1). Water Clean-up
(2). Excellent Adhesion
(3). Low V.O.C. Content
(4). Epoxy Modified
(5). Low Odor

TECHNICAL DATA SHEET
HYDROPOX #1 CURB RED PAINT
PAGE 2 OF 3

APPLICATION & REDUCTION:

Hydropox #1 Curb Red Paint can be applied by brush, roller or spray. Thin with tap water as required for application and operator preference.

MIXING INSTRUCTIONS:
Thin with clean tap water as needed for proper flow and workability.

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, grease, oils, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete must be sandblasted, vacuum blasted or acid etched in order to achieve maximum adhesion. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. Surface temperature for application must be a minimum of 50 Degrees Fahrenheit and a maximum of 90 Degrees Fahrenheit. Do not apply in direct sun. Coating should be applied and kept dry for 7 days before being exposed to rain or standing water.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.
USE WITH ADEQUATE VENTILATION.
AVOID CONTACT WITH SKIN AND EYES.
READ MATERIAL SAFETY DATA SHEET BEFORE USING. KEEP FROM FREEZING!

TECHNICAL DATA SHEET
HYDROPOX #1 CURB RED PAINT
PAGE 3 OF 3

SURFACE PREPARATION AND PAINTING OF CONCRETE

Concrete as well as steel, must be cleaned before painting. Painting greasy, dirty or dusty concrete is just as bad as painting rusty and uncleaned steel. **Grease should be removed by washing with a solution of trisodium phosphate and soap chips in water. If foreign matter is not removed the stain or paint will not obtain satisfactory penetration or bond and peeling will result.**

Concrete has laitance, which is completely hydrated cement scum, which floats up, and just clings to the surface. **This laitance is the cause of most of the early bond failure of a protective coatings on concrete. The laitance be removed by slight sandblasting(whip blasting).** Laitance is especially bad on the interior of centrifugally spun concrete pipes.

No concrete hardeners should be used with concrete that will be stained or painted later, because they will kill the adhesion and prevent proper acid etching. **Certain curing compounds are also detrimental to adhesion.**

Forms for pouring concrete should be coated with materials that do not leave a residual film on the concrete. **Form oils or waxes which stick to the concrete must be removed or the stain or paint will not get proper penetration and will peel.** The removal of waxy residue is not easy because an acid wash will not be sufficient and only whip sandblasting will prepare the surface properly.

Steel trowelled concrete and steel form concrete are often glazed and are too smooth to be stained or painted without etching or whip sandblasting to give them a profile for best adhesion.

Regarding etching of concrete, it should be pointed out, that if the treated surface is not scrubbed and flushed with sufficient water to remove all traces of the acid and salts formed by the etching, these water soluble chlorides may induce severe early blistering because of osmotic action. A mild alkali rinse with trisodium phosphate or a mild caustic solution and further rinsing with clear water will eliminate the danger of blistering.

TECHNICAL DATA SHEET
WATERBASE ACRYLIC SEALER
TT-S-223B
PAGE 1 OF 2

PRODUCT: A clear unpigmented acrylic emulsion clear sealer formulated specifically for use on floors.

DESCRIPTION: A specially formulated clear acrylic based sealer designed to be used as a sealer and dust reducer on floors. May be used on concrete, asphalt tile, linoleum and masonry floors. It is not intended for use on wood floors.

PROPERTIES:

COLOR	Clear
SOLIDS(Weight)	16.5 - 17.2%
THEORETICAL COVERAGE	150 - 400 sq.ft/gal
GLOSS	80 Minimum
DRYING TIME-AT 75 DEGREES F:	
TO TOUCH	Within 30 Mins
pH Value	7.5 - 9.5
VEHICLE TYPE	Acrylic Emulsion
WEIGHT/GAL	8.2 - 8.4 lbs

ADVANTAGES:
(1). Waterbase Sealer.
(2). Low V.O.C. Content.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:
(1). Masonry Floors
(2). Concrete Floors
(3). Aged Vinyl Floors
(4). Linoleum Floors
(5). Asphalt Tile

TECHNICAL DATA SHEET
WATERBASE ACRYLIC SEALER
TT-S-223B
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Clear Acrylic Sealer be thinned with water as needed for application purposes. Use at packaged consistency for best results.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application. Concrete should be acid etched for best results. Consult your Griggs representative for specific recommendations on this process.

PRECAUTIONS:

Keep from Freezing.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-P-115F TYPE II,
AMD.2 TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A conventional dry solvent-base traffic coating which meets Federal Specification TT-P-115F Type II, Amd.2.

DESCRIPTION: A ready-mixed traffic paint for application to traffic bearing surfaces, such as Portland cement, concrete, bituminous pavement, brick surfaces of streets, highways, bridges, tunnels, etc. Meets Federal Specification TT-P-115F Type II, Amd.2.

PROPERTIES:

COLORS	Full Range
PIGMENT(Weight)	57 Min.
GRIND	4+
VISCOSITY	70 - 80 KU
DRYING TIME	5 Mins Max
VEHICLE TYPE	Chlorinated/Alkyd
THINNER	Toluene
CLEAN-UP	Xylene

ADVANTAGES:
(1). Early Water Resistance
(2). Rapid Dry
(3). Early Tracking Resistance
(4). Meets TT-P-115F Type II, Amd.2
(5). High Solids, Low VOC Content
(6). Trichloroethane 1,1,1 Free

USES:
(1). Portland Cement
(2). Concrete
(3). Asphalt
(4). Highways and Streets
(5). Brick

TECHNICAL DATA SHEET
TT-P-115F TYPE II,
AMD.2 TRAFFIC PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs TT-P-115F Type II Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with toluene not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection.
Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
AQUEOUS POLYURETHANE 1000C05
WATERBORNE 2-PART POLYURETHANE

PRODUCT DESCRIPTION:

An odor-free waterborne, high gloss, clear, two-component floor or anti-graffiti coating for use in areas where solvent odor and fumes are a problem. Cures to an abrasion, chemical and weather resistant film.

TYPICAL PROPERTIES:

(1). **COLOR**..... Clear
(2). **DRYING TIME:** (72 Deg.F & 80% RH)
To Touch..... 20 Minutes
Surface Dry..... Within 2 Hours
Mar Free..... 12 Hours
(3). **VEHICLE TYPE**..... Polyester Polyurethane
(4). **WORKING POT LIFE**..... 1 - 2 Hours
(5). **VOLUME SOLIDS**..... 47 - 48%
(6). **RESISTANCE TO:**
Solvents..... Excellent
Water..... Excellent
Acids..... Good
Alkali..... Excellent
(7). **PENCIL HARDNESS(ASTM D-3363-84)**..... 3H

APPLICATION AND REDUCTION:

Mix at a ratio of 3 parts clear base Component 1 to 1 part catalyst Component 2. Catalyst must be added to base under agitation. Let admixed material stand for 15 minutes before use to allow for induction time. Coating can be thinned with water if a lower viscosity/consistency is required. Do not seal any admixed unused material, as CO2 gas will generate causing pressure in the container. After catalyzation, the working pot life is 1-2 hours. An exothermic reaction can occur if 5 gallon or larger batches are mixed and allowed to sit, greatly reducing the working pot life.

STORAGE: Store indoors at room temperature. Keep from freezing.

TECHNICAL DATA SHEET
100% SOLIDS EPOXY #4606
PAGE 1 OF 2

PRODUCT: A 100% solids epoxy coating which cures to a blush free film with excellent adhesion to concrete and other materials. This coating is excellent for colored filled flooring systems and exhibits excellent impact resistance.

MAJOR USES: Flooring and surfacing for heavy duty industrial and commercial uses, manufacturing plants, restrooms, and any area requiring a seamless floor with excellent chemical resistance.

PROPERTIES:

Solids	100%
Tensile Strength	8500 PSI
Tensile elongation	6
Pot Life @ 77 degrees F	30 - 40 minutes*
Dry time: Light traffic	18 hours
Total cure	6 - 8 days
Mixing Ratio by volume	2 to 1

*Significantly less at elevated temperatures

APPLICATION: 100% solids epoxy is supplied in either 1 or 4 gallon kits. This material can be rolled, squeegeed and brushed with proper tools. Mix part A with part B at a ratio of 3:1 by volume. It is very important to mix both parts well before use. Also very important is the thorough mixing after combining part A with part B. A power mixer is recommended for best results. For longer pot life we suggest that after mixing well, admixed material be spread immediately to substrate. The thinner the mil the longer the pot life.

TECHNICAL DATA SHEET
100% SOLIDS EPOXY #4606
PAGE 2 OF 2

PREPARATION: Concrete must be cured at least 30 days and structurally sound. Concrete must t be free of moisture, dirt, grease, oil, loose paint, curing compounds and other contaminants. Concrete must be sandblasted, shot blasted or acid etched. If acid etched, scrubbing is required. DO NOT ALLOW ETCHING SOLUTION TO DRY ON CONCRETE. NEUTRALIZE SURFACE WITH AMMONIA AND WATER SOLUTION.

COLORS: **Most colors available upon request.**

THEORETICAL COVERAGE: Coverage rates will be effected by the condition of the substrate. To calculate Theoretical Coverage per gallon, divide desired mil thickness into 1,604. Example: theoretical coverage for a 25 mil thickness is: 1,604 divided by 25 = 64 square feet per gallon. Make allowances for the condition of the substrate, working conditions, waste, spillage, etc.

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Use with adequate ventilation.
KEEP OUT OF REACH OF CHILDREN!!!
If swallowed do not induce vomiting.
CALL A PHYSICIAN IMMEDIATELY.

TECHNICAL DATA SHEET
4606 PATCH EPOXY
PAGE 1 OF 3

PRODUCT: A liquid modified 100% solids epoxy coating with room temperature curing. Excellent adhesion to concrete and other surfaces.

MAJOR USES: Patching, filling joints and cracks, surfacing ramps and other industrial areas that require a non skid surface.

PROPERTIES: 100% solids

Cure Time:

Light Traffic..... 4-12 hours
Heavy Traffic..... 12-24 hours
Resistant to..... Chemicals
Cleaning Solvents and Soaps, Jet Fuels,
Degreasers and Solvents,

SURFACE PREPARATIONS:

The minimum cure time of concrete must be least 30 days before application of 4606 Patch Epoxy (concrete shrinks during the normal curing process and may continue to shrink and settle after the 30 day curing period). Ambient & surface temperature of substrate must be above 50 degrees F. for proper curing of 4606 Patch Epoxy. The crack or joint should be dry and free of all loose debris, dirt, dust, curing compounds, release agents and other contaminants to produce a sound surface before application of 4606 Patch Epoxy.

MIXING:

Mix Component A & B until all pigments and settlement are completely mixed in before combining the two components. Then slowly pour component B into component A mixing slowly. Mixed admixed material 1-2 1/2 minutes until completely mixed (if components A & B are not completely mixed this will severely effect the curing process of 4606 Patch Epoxy). Manual or mechanical mixing may be used to mix 4606 Patch Epoxy. Dispense

admixed material and clean tools immediately (cleaning may be done with T-262 Epoxy Thinner or a good Lacquer Wash). To extend the pot life of 4606 Patch Epoxy components A & B may be inserted into a freezer or ice bath before mixing the 2 components with each other.

APPLICATION: 4606 Epoxy Crack Filler is supplied in kits. This material can be poured directly into the crack or applied with a bulk dispensing caulking gun. Always remember to mix Part A with Part B. It is very important to mix both parts well before use. Also very important is the thorough mixing after combining part A with part B. 4606 Patch Epoxy should be applied to joints and cracks in 2 stages. The first stage should fill the crack or joint approximately half the distance to the surface. Allow the first stage to settle 15 to 30 minutes then apply second stage until flush with the surface. All 4606 Patch Epoxy is filled over the surface should be shaved until flush with the surface.

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

CAUTION: Admixed material may reach temperatures above 150 degrees F. Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY.

TECHNICAL DATA SHEET
100% SOLIDS CONDUCTIVE EPOXY
PAGE 1 OF 4

PRODUCT: A 100% solids conductive epoxy coating.

DESCRIPTION: Griggs 100% Solids Conductive Epoxy Coating is a two-component epoxy coating that is solvent free and self priming. When fully cured, it forms an extremely tough, glossy, blush-free film that exhibits excellent impact, corrosion and abrasion resistance. The cured film is unaffected by grease, oil, gasoline, detergents, and most solvents. This epoxy coating is formulated to cure in the presence of moisture. Griggs 100% Solids Conductive Epoxy Coating can be applied at any mil thickness in a single application due to its high solids content. This coating may be made into a non skid film by the addition of silica sand or any desired aggregate.

MAJOR USES: Griggs 100% Solids Conductive Epoxy Coating can be used for flooring and surfacing, patching compounds and seamless floors in storage areas, hospitals, instrument rooms, and manufacturing sites where the immediate dissipation of static electricity is required.

PROPERTIES:

SOLIDS(Weight)..... 100%
TENSIL STRENGTH..... 9500-10000 PSI
TENSIL ELONGATION..... 6-7
COLORS..... Full Range
THEORETICAL COVERAGE..... 200-300 Sq.Ft/Gallon
POT LIFE(77 degrees F)..... 35-45 Mins.*
TACK FREE..... 7 Hours*
RECOAT..... Overnight*
LIGHT SERVICE..... 24 Hours*
FULL SERVICE..... 5 Days*
* Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.

TECHNICAL DATA SHEET
100% SOLIDS CONDUCTIVE EPOXY
PAGE 2 OF 4

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete should be sandblasted, vacuum blasted or acid etched. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. If recoating an epoxy surface is desired, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

MIXING INSTRUCTIONS: This material is 100% solids with high viscosity. Mix only that amount of material that can be used in a 45 minute work period at 77 degrees F. Work times are shortened by higher temperatures. For longer pot life(work life) pour mixed material on floor immediately after mixing. Mix 3 Parts A to 1 Part B by volume. Always carefully measure the amounts and mix for 2 full minutes using a wooden stir stick, scraping the bottom and sides of the mixing vessel. Thorough mixing of the material is very important for obtaining a properly cured film.

APPLICATION RECOMMENDATIONS: Griggs 100% SOLIDS CONDUCTIVE EPOXY COATING can be applied by brush, roller, notched trowel or airless spray. It is normally applied as received. For application of high build protective coatings to concrete, normal spread rate is 200-300 square feet per gallon. At this spread rate, a dry film thickness of 6-8 mils and a uniform glossy film will be achieved. Application is most easily achieved by pouring the admixed material on the floor, brush trimming the edges and seams and spreading the material with a short nap or carpet roller. Backroll sufficiently to insure a good even distribution of the coating. If a non-slip surface is desired, walk back onto the **uncured** coating wearing golf shoes and sprinkle silica sand from a shaker can into the coating and roll it in with a short nap or carpet roller.

PRECAUTIONS:

USE WITH ADEQUATE VENTILATION.

KEEP OUT OF THE REACH OF CHILDREN.

USE WITH PROPER DUAL CARTRIDGE RESPIRATOR WITH GREEN BAND CARTRIDGE TO PROTECT AGAINST METHYL AMINE VAPORS.

AVOID SKIN CONTACT, WEAR PROTECTIVE GLOVES.

WEAR SAFETY GLASSES OR GOGGLES.

DO NOT BREATHE VAPORS.

READ MATERIAL SAFETY DATA SHEET BEFORE USING THIS COATING.

SPECIAL NOTES:

Griggs 100% Solids Conductive Epoxy is a specially formulated coating to be used as an epoxy barrier for severe chemical exposures. The surface preparation of the concrete will greatly effect the final results. The concrete must be cured for at least 30 days and free of all dirt, debris, dust, oils, grease, fats, chemicals, old coatings, curing compounds, laitance, efflorescence, salts, and foreign matter. The surface must have a profile similar to 40 -60 grit sandpaper for proper penetration and adhesion of this epoxy. The concrete surface must be dry and have a pH of 7 -11 with all projections and splatter removed and all surface defects repaired. The temperature of the surface to be coated must be at least 50 Degrees F during application and curing. If this material is used in direct sunlight, bubbles may form due to the expansion of air and/or moisture entrapment in the concrete. A shaded work area is strongly recommended for best results. Silica sand may be added to Griggs 8865 up to a ratio of 3 parts sand to 1 part 8865 by weight. Use only clean and dry 20/40 mesh oval/round silica sand that has been prepackaged in moisture proof bags. The use of contaminated silica sand will adversely effect the performance and/or application of Griggs 8865. It is recommended that all materials to be used be stored at a temperature of 70 to 90 Degrees F, twenty-four to forty-eight hours before application. This includes Parts A and B, and any silica sand that may be used.

Griggs Paint will replace any product that does not conform to its pre-published manufacturing specifications. Replacement material will be furnished at no charge FOB: Phoenix, Arizona. Griggs makes no other warranties, expressed or implied, concerning its products, information, suggestions and procedures and disclaims all warranties including any implied warranties or merchantability or fitness for a particular use of this product.

TECHNICAL DATA SHEET
100% SOLIDS EPOXY
PAGE 1 OF 3

PRODUCT: A liquid modified 100% solids epoxy coating.

DESCRIPTION: Griggs 100% Epoxy Coating is a two-component epoxy coating that contains an extremely high solids content. When fully cured, it forms an extremely tough, glossy, blush- free film that exhibits excellent impact and abrasion resistance. The cured film is unaffected by grease, oil, gasoline, detergents, and most solvents. This epoxy coating is formulated to cure in the presence of moisture. Griggs 100% Epoxy Coating can be applied at any mil thickness in a single application due to its high solids content. This coating may be made into a non-skid film by the addition of silica sand or any desired aggregate.

MAJOR USES: Griggs 100% solids Epoxy Coating can be used for flooring and surfacing, patching compounds and seamless floors in garages carports, factories, warehouses and industrial facilities. It also has been used as an adhesive, potting and encapsulation casting, hand lay-up laminating and bonding new to old concrete.

PROPERTIES:

SOLIDS(Weight)..... 100%
TENSIL STRENGTH..... 9500-10000 PSI
TENSIL ELONGATION..... 6-7
COLORS..... Full Range
THEORETICAL COVERAGE..... 200-300 Sq.Ft/Gallon
POT LIFE(77 degrees F)..... 35-45 Mins.*
TACK FREE..... 7 Hours*
RECOAT..... Overnight*
LIGHT SERVICE..... 24 Hours*
FULL SERVICE..... 5 Days*
* Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.

TECHNICAL DATA SHEET
100% SOLIDS EPOXY
PAGE 2 OF 3

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. This coating is self-priming on concrete. Surface may be damp, but standing water must be removed. Concrete should be sandblasted, vacuum blasted or acid etched. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. If recoating an epoxy surface is desired, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

MIXING INSTRUCTIONS: This material is 100% solids with high viscosity. Mix only that amount of material that can be used in a 45 minute work period at 77 degrees F. Work times are shortened by higher temperatures. For longer pot life(work life) pour mixed material on floor immediately after mixing. Mix 3 Parts A to 1 Part B by volume. Always carefully measure the amounts and mix for 2 full minutes using a wooden stir stick, scraping the bottom and sides of the mixing vessel. Thorough mixing of the material is very important for obtaining a properly cured film.

APPLICATION RECOMMENDATIONS: Griggs 100% SOLIDS EPOXY COATING can be applied by brush, roller, notched trowel or airless spray. It is normally applied as received. For application of high build protective coatings to concrete, normal spread rate is 200-300 square feet per gallon. At this spread rate, a dry film thickness of 6-8 mils and a uniform glossy film will be achieved. Application is most easily achieved by pouring the admixed material on the floor, brush trimming the edges and seams and spreading the material with a short nap or carpet roller. Backroll sufficiently to insure a good even distribution of the coating. If a non-slip surface is desired, walk back onto the **uncured** coating wearing golf shoes and sprinkle silica sand from a shaker can into the coating and roll it in with a short nap or carpet roller.

PRECAUTIONS:

USE WITH ADEQUATE VENTILATION.

KEEP OUT OF THE REACH OF CHILDREN.

USE WITH PROPER DUAL CARTRIDGE RESPIRATOR WITH GREEN BAND CARTRIDGE TO PROTECT AGAINST METHYL AMINE VAPORS.

AVOID SKIN CONTACT, WEAR PROTECTIVE GLOVES.

WEAR SAFETY GLASSES OR GOGGLES.

DO NOT BREATHE VAPORS.

READ MATERIAL SAFETY DATA SHEET BEFORE USING THIS COATING.

TECHNICAL DATA SHEET
A-A-2886A TY.I TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A conventional dry solvent-base traffic coating which meets Federal Specification A-A-2886A Type I.

DESCRIPTION: A ready-mixed traffic paint for application to traffic bearing surfaces, such as Portland cement, concrete, bituminous pavement, brick surfaces of streets, highways, bridges, tunnels, etc. Meets Federal Specification A-A-2886A Type I.

PROPERTIES:

COLORS..... Black, Green, Yellow, Black, Red, Blue
PIGMENT(Weight)..... 50 - 60%
GRIND..... 4+
VISCOSITY..... 70 - 85 KU
DRYING TIME..... 30 Mins Max
VEHICLE TYPE..... Chlorinated/Alkyd

ADVANTAGES:

(1). Early Water Resistance
(2). Rapid Dry
(3). Early Tracking Resistance
(4). Meets A-A-2886A Type I
(5). High Solids, Low VOC Content
(6). Lead & Chromate Free

USES:

(1). Portland Cement
(2). Concrete
(3). Asphalt
(4). Highways and Streets
(5). Brick

TECHNICAL DATA SHEET
A-A-2886A TY.I TRAFFIC PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs A-A-2886A Type I Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with xylene not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

Contents are Flammable.

TECHNICAL DATA SHEET
RUBBERIZED DECK ENAMEL A-A-3121
PAGE 1 OF 2

PRODUCT: A high quality, chlorinated rubber deck enamel for concrete and masonry surfaces. This product is extremely durable and provides a chemical resistant surface. This is a single-component coating, no catalyst required.

DESCRIPTION: A specially formulated, chlorinated rubber deck enamel for concrete and masonry surfaces. Griggs A-A-3121 rubberized enamels are chemical resistant and extremely durable. This coating is specially formulated for high traffic areas due to its chlorinated rubber formulation.

PROPERTIES:
COLORS..... Full Spectrum
SOLIDS(Weight)*..... 45 - 50%
THEORETICAL COVERAGE*..... 300 - 350 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat
DRYING TIME-AT 75 DEGREES F:
TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Chlorinated Rubber
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:
(1). Provides a Chemical Resistant Surface
(2). Excellent Adhesion
(3). Extremely Durable
(4). Excellent Adhesion
(5). Extremely Washable
(6). Resistance to Acids and Alkalis
(7). Resistance to water and humidity
(8). Resistance to Abrasion

USES:
(1). Concrete
(2). Pool Decks
(3). Masonry
(4). Warehouse Floors
(5). Floor & Deck

TECHNICAL DATA SHEET
RUBBERIZED DECK ENAMEL A-A-3121
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs A-A-3121 Rubberized Deck Enamel is formulated for brush, roll or spray application. Use at packaged viscosity or thin as needed with Xylol, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Chemical acid etching or sandblasting is recommended to achieve proper penetration of coating into the substrate.

PRECAUTIONS:

Contents are Flammable.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
ACRYLIC MASONRY STAIN/SEALER
PAGE 1 OF 2

PRODUCT: A methylmethacrylate--ethyl acrylate penetrating stain/sealer designed to give excellent water repellency and penetration. All colors are semi-opaque.

DESCRIPTION: Griggs Acrylic Masonry Stain/Sealer is a water repellent, penetrating coating that will provide years of protection and beauty to any concrete surface or structure. Due to its superior penetrating properties, it exhibits excellent adhesion to properly prepared substrates. This product is available is a full range of colors including Federal 595 Colors.

PROPERTIES:

COLORS	Full Range
FINISH(Normal)	10 Degrees Max.
VEHICLE	Methmethacrylate
SOLIDS(Weight)	32 - 45%
SOLIDS(Volume)	21 - 28%
WEIGHT/GAL	8.3 - 8.6#
GRIND	7 Hegman
VISCOSITY	60 - 75 KU
PIGMENT TO RESIN RATIO	1.2:1.0 - 0.7:1.0
DRY TIME TO TOUCH	1/2 - 2 Hours
DRY TO RECOAT	5 Hours Max.

ADVANTAGES:
(1). Highly Durable.
(2). Ultraviolet Resistant.
(3). Penetrating.
(4). Oil Resistant.
(5). Excellent Water Resistance

USES:
(1). Concrete Structures.
(2). Driveways.
(3). Garages.
(4). Carports.
(5). Walkways.

TECHNICAL DATA SHEET
ACRYLIC MASONRY STAIN/SEALER
PAGE 2 OF 2

APPLICATION: Apply by brush, roller or spray methods. For brush and roll, use at packaged viscosity. For spray application, reduce 5-10% by volume with xylol.

PRODUCT: A ready-mixed, penetrating acrylic stain/sealer coating.

SURFACE PREPARATION: All surfaces must be clean, dry and free of all dirt, dust, grease or any foreign contaminants. This is most efficiently achieved by sandblasting. When sandblasting is impossible, acid etch with a 25% solution of Muriatic Acid, neutralize with an ammonia solution and let dry thoroughly. Do not apply at temperatures below 50 degrees Fahrenheit.

PRECAUTIONS: Use with adequate ventilation.

Avoid contact with skin and eyes.

Do not take internally.

KEEP OUT OF THE REACH OF CHILDREN.

Vapor Harmful.

Wash hands after using.

TECHNICAL DATA SHEET
ACRYLIC MASONRY STAIN/SEALER
PAGE 1 OF 2

PRODUCT: A methylmethacrylate--ethyl acrylate penetrating stain/sealer designed to give excellent water repellency and penetration. All colors are semi-opaque.

DESCRIPTION: Griggs Acrylic Masonry Stain/Sealer is a water repellent, penetrating coating that will provide years of protection and beauty to any concrete surface or structure. Due to its superior penetrating properties, it exhibits excellent adhesion to properly prepared substrates. This product is available is a full range of colors including Federal 595 Colors.

PROPERTIES:

COLORS	Full Range
FINISH(Normal)	10 Degrees Max.
VEHICLE	Methmethacrylate
SOLIDS(Weight)	32 - 45%
SOLIDS(Volume)	21 - 28%
WEIGHT/GAL	8.3 - 8.6#
GRIND	7 Hegman
VISCOSITY	60 - 75 KU
PIGMENT TO RESIN RATIO	1.2:1.0 - 0.7:1.0
DRY TIME TO TOUCH	1/2 - 2 Hours
DRY TO RECOAT	5 Hours Max.

ADVANTAGES:
(1). Highly Durable.
(2). Ultraviolet Resistant.
(3). Penetrating.
(4). Oil Resistant.
(5). Excellent Water Resistance

USES:
(1). Concrete Structures.
(2). Driveways.
(3). Garages.
(4). Carports.
(5). Walkways.

TECHNICAL DATA SHEET
ACRYLIC MASONRY STAIN/SEALER
PAGE 2 OF 2

APPLICATION: Apply by brush, roller or spray methods. For brush and roll, use at packaged viscosity. For spray application, reduce 5-10% by volume with xylol.

PRODUCT: A ready-mixed, penetrating acrylic stain/sealer coating.

SURFACE PREPARATION: All surfaces must be clean, dry and free of all dirt, dust, grease or any foreign contaminants. This is most efficiently achieved by sandblasting. When sandblasting is impossible, acid etch with a 25% solution of Muriatic Acid, neutralize with an ammonia solution and let dry thoroughly. Do not apply at temperatures below 50 degrees Fahrenheit.

PRECAUTIONS: Use with adequate ventilation.

Avoid contact with skin and eyes.

Do not take internally.

KEEP OUT OF THE REACH OF CHILDREN.

Vapor Harmful.

Wash hands after using.

TECHNICAL DATA SHEET
CHLORINATED POLYMER TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A ready mixed chlorinated rubber traffic paint intended for application on portland cement concrete and bituminous surface roadways using conventional pavement marking equipment.

DESCRIPTION: A fast dry chlorinated rubber traffic paint designed for use on portland cement concrete and bituminous surface roadways. This paint may be reflectorized by the addition of glass beads. This paint has excellent shelf life with its condition after six months showing no lumps or skinning. The paint can also be mixed to a smooth, homogeneous consistency after that period.

PROPERTIES:

COLORS	Yellow,White & Black
PIGMENT %(WT)	56 - 60
VEHICLE %(WT)	40 - 44
NON-VOLATILE %(WT)	66 - 68
WEIGHT PER GALLON(LBS)	14.0 - 14.5
VISCOSITY	74 - 80 KU
GRIND	4 minimum
DRY TIME(@77 F)	Within 3 Mins.
DRY TIME(@ 140 F min)	Within 1 Min.
DRY TIME(@ Normal Cond.)	Within 3 Mins.
VOC	250 g/l max.
FLEXIBILITY	8 mils wet,air dry,1/2" mandrel
CONTRAST RATIO(5 mils wet)	0.98 min.
(8 mils wet)	1.0 min.
BLEEDING(yell & white)	0.90 min.
BLEEDING(black)	1.0 min.
REFLECTANCE(white)	0.85 min.
(black)	0.56 min.
FLASH POINT(TOC,degrees F)	45 F

USES:
(1). Asphalt
(2). Concrete
(3). Highways
(4). Streets
(5). Airports

TECHNICAL DATA SHEET
CHLORINATED POLYMER TRAFFIC PAINT

APPLICATION & REDUCTION:

Chlorinated rubber traffic paint can be applied by the use of conventional pavement marking equipment. Thin to desired consistency with Trichloroethane 1,1,1.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application.

PRECAUTIONS:

Contents are FLAMMABLE.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
CORROSION-GUARD URETHANE COATING
PAGE 1 OF 2

PRODUCT: A liquid modified elastomeric urethane membrane two-component coating designed for waterproofing and corrosion resistance.

MAJOR USES: Industrial applications where superior resistance to chemicals, water and abrasion is required on many substrates.

PROPERTIES: Modified Elastomeric Urethane Membrane Coating:

Pot Life(77 Deg F)..... 25-30 Minutes*
Recoat Time..... 60-90 Minutes**
Drying Time ..... 3 - 4 Hours
* Pot Life decreases with higher temperatures. Spray application may also decrease Pot Life.
** If recoat time exceeds 4 hours, a sanding or brush-blast is required before application on next coat.

SURFACE PREPARATION:

The minimum cure time of concrete must be least 30 days before application. Wood, concrete, and metal must be clean, dry and free of all contamination. For use over previous coatings, a test patch must be applied to evaluate for compatibility and proper adhesion.

MIXING:

Pre-mix Corrosion-Guard Part A(4.5 gallons) then while mixing with a power mixer, slowly add the Corrosion-Guard Part B(.5 gallon) to the pail and mix thoroughly for 3-4 minutes.

Apply the admixed material, brush & roll is the recommended application procedure due to short pot life. Clean tools immediately after use(cleaning may be done with Lacquer Thinner or Mineral Spirits).

TECHNICAL DATA SHEET
CORROSION-GUARD URETHANE COATING
PAGE 2 OF 2

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations. Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY. READ MSDS BEFORE USE.

Griggs Paint will replace any product that does not conform to its pre-published manufacturing specifications. Replacement material will be furnished at no charge FOB: Phoenix, Arizona. Griggs makes no other warranties, expressed or implied, concerning its products, information, suggestions and procedures and disclaims all warranties including any implied warranties or merchantability or fitness for a particular use of this product.

TECHNICAL DATA SHEET
ACRYLIC URETHANE ENAMEL
DC7337 SERIES WATERBORNE
PAGE 1 OF 2

PRODUCT: An air-dry, industrial grade, waterbase, urethane acrylic coating for heavy duty applications.

DESCRIPTION: A high grade water reducible acrylic urethane type copolymer gloss, semigloss and flat finish intended for use on primed metal, concrete, wood and other substrates. It is highly weather resistant and has superior color and gloss retention.

PROPERTIES:
COLORS..... Clear & Full Spectrum(All Colors)
SOLIDS(Volume)*..... 28 - 30%
THEORETICAL COVERAGE*..... 300 - 325 sq.ft/gal
DRY FILM THICKNESS..... 1.5 mils p/coat
DRYING TIME-AT 77 DEGREES F:
SET-TO-TOUCH..... 1 HOUR**
DRY HARD..... 8 HOURS**
FULL CURE..... 72 HOURS**
VEHICLE TYPE..... URETHANE/ACRYLIC
*Values may vary with color.
**Drying times @ 77 Degrees Fahrenheit

ADVANTAGES:
(1). Excellent Weather Resistance.
(2). Quick-Dry
(3). Excellent Coverage.
(4). Excellent Gloss Retention.
(5). Chemical & Water Resistant

USES:
(1). Steel
(2). Concrete
(3). Tanks
(4). Wood
(5). Equipment
(6). Pool Decks
(7). Vinyl/Canvas
(8). Floors

TECHNICAL DATA SHEET
ACRYLIC URETHANE ENAMEL
DC7337 SERIES WATERBORNE

APPLICATION & REDUCTION:

Griggs DC7337 Series Urethane Acrylic coatings may be applied by airless or conventional spray or roller application. For conventional spraying, thin up to 5% with tap water. Use as is or with minimum thinning for airless application.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Wood must be sanded and properly cleaned. Concrete should be etched for maximum penetration into pores. Allow 72 hours drying time for full service, at 77 Degrees Fahrenheit. Lower temperatures will increase drying and full cure times.

STEEL:
Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

PRECAUTIONS:

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

KEEP FROM FREEZING!

TECHNICAL DATA SHEET
EPOXY ELASTOMERIC SEALER
PAGE 1 OF 2

PRODUCT: A two-component elastomeric epoxy sealer.

DESCRIPTION: Griggs Elastomeric Epoxy Sealer is a two- component chemically cured product that forms a film that is resistant to chemicals, solvents, water and abrasion. This product has excellent adhesion to most substrates and is recommended for heavy duty industrial applications where a tough, elastomeric sealer is required. This sealer is available in a 1:1 mixture for spray, brush or roll applications. It may be used on many different substrates including metal, wood, masonry, cement, plaster walls and steel. It serves as an excellent barrier due to its unique modified epoxy formulation.

PROPERTIES:

SOLIDS(Weight)	44 - 46%
SOLIDS(Volume)	40 - 42%
VISCOSITY	50 - 60 KU
COLOR	Full Range
POT LIFE(77 degrees F)	8 Hours*
TACK FREE	6 Hours*
RECOAT	Overnight*
LIGHT SERVICE	24 Hours*
FULL SERVICE	7 Days*

* Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.

TECHNICAL DATA SHEET
EPOXY ELASTOMERIC SEALER
PAGE 2 OF 2

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete should be sandblasted, vacuum blasted or acid etched. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. If recoating an epoxy surface is desired, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

TECHNICAL DATA SHEET
GRIGGS EPOXY LOOP SEALANT

PRODUCT: A viscous, two component, liquid epoxy for inductive loops.

DESCRIPTION: Griggs Epoxy Loop Sealant is a high viscosity liquid epoxy formulated for use in sealing inductive wire loops and leads imbedded in asphalt, concrete and portland cement concrete for traffic signal controls and vehicle counters. This epoxy is used for repair work on existing spalls, cracks, and other deformations in and around saw cuts housing inductor loops and leads. The rapid cure allows minimum traffic delay. This sealant is suitable for use in freeze-thaw areas and can be used on grades up to 15 percent without excessive flow of material.

DIRECTIONS FOR USE: Saw cuts shall be blown clean and dry with compressed air to remove all excess moisture and debris. For repairing damaged saw cuts, all loose spalled material shall be cleaned away from saw cut, chipping back to sound asphalt concrete or portland cement concrete and all loose material cleaned from loop wires.
The mixing ratio is approximately 8.4# Component A to 1.4# Component B. Due to the impracticality of this ratio, packaging is premeasured. Open the resin Component "A" (the larger gallon can) and stir to reblend any settlement. If possible, pour into a larger mixing container such as a five gallon plastic pail. Add hardener can "B" and begin to slowly mix. Mix for 2 1/2 to 3 minutes until thoroughly blended with no streaking. No more material shall be mixed than can be used within 10 minutes from the time mixing operations are started.

CHARACTERISTICS:
Gel Time..... 13-18 minutes
Tensile Strength..... 400 psi(min)
Elongation..... 90%(min)
Shore D Hardness..... 45(min)

TECHNICAL DATA SHEET
EPOXY POOL PAINT PRIMER WHITE
PAGE 1 OF 2

PRODUCT: A two-component elastomeric, epoxy coating.

DESCRIPTION: Griggs Epoxy Pool Paint Primer is a two- component chemically cured product that forms a film that is resistant to water, chemicals, solvents and abrasion. This product has excellent penetration and adhesion to aged and deteriorating plaster, fiberglass and concrete surfaces. This coating is available in a 1:1 mixture for spray, brush and roll applications. This coating can be topcoated with chlorinated rubber, epoxy and other pool paints.

PROPERTIES:

SOLIDS(Weight)..... 58 - 60%*
SOLIDS(Volume)..... 48 - 50%*
VISCOSITY..... 50 - 60 KU*
COLOR..... White
POT LIFE(77 degrees F)..... 6 - 8 Hours**
TACK FREE..... 2 Hours**
RECOAT..... 8 - 24 Hours**

* Admixed values.

** Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.

TECHNICAL DATA SHEET
EPOXY POOL PAINT PRIMER WHITE
PAGE 2 OF 2

SURFACE PREPARATION: Surface to be coated must be clean, dry, and free of all foreign contaminants including grease, oil, dirt and loose paint or curing compounds. Dirt and dust are best removed by water blasting. An acid wash with a muriatic acid solution is also recommended if water blasting is not available.

DIRECTIONS FOR USE: Mix equal volumes of Part A and B after thoroughly mixing each component. Mixing ratio is 1:1 by volume. Reduce with Griggs J-377 Thinner. Add 1 quart of thinner to each gallon of admixed material. Use mixture within 6 - 8 hours, depending on temperature. Must be topcoated within 24 hours of application of primer. For further information, please contact Griggs Paint technical staff at 602-243-3293.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

TECHNICAL DATA SHEET
GYM FINISH VARNISH
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base polyurethane gym finish coating formulated specifically for use on properly prepared wood floors.

DESCRIPTION: A specially formulated clear polyurethane coating designed for interior wood floors. For use on basketball gym floors and other wood flooring that requires a hard, durable clear finish. It forms a film that seals pores and protects the wood from degradation. Dried film has excellent resistance to stains from spills, mineral oils, vegetable oils, greases, and water.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 62 - 63%
THEORETICAL COVERAGE..... 300 - 400 sq.ft/gal
DRY FILM THICKNESS..... 2 mils @ 350 sq.ft./gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 16 Hours
TO RECOAT..... 16 Hours
VEHICLE TYPE..... Polyurethane Alkyd
WEIGHT/GAL..... 7.7 - 8.0 lbs

ADVANTAGES:

(1). Durable.
(2). Abrasion Resistant.
(3). Seals Surface.
(4). Moisture Resistant.
(5). UV Resistant

USES:

(1). Basketball Wooden Floors.
(2). Dance Wooden Floors.
(3). Gym Wooden Floors
(4). Residential Wooden Floors.

TECHNICAL DATA SHEET
GYM FINISH VARNISH
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Gym Finish Varnish can be applied at packaged consistency by brush, roller or spray. If reduction is necessary, use mineral spirits. Depending on the porosity of the surface, more than one coat may be required to obtain a completely sealed surface.

SURFACE PREPARATION:

Surface to be coated must be dry, free from all dirt, grease wax, polish and contamination before application. Wood floors must be sanded and thoroughly cleaned before application.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

Contents are Flammable.

TECHNICAL DATA SHEET
HI-SOLIDS POLYURETHANE
PAGE 1 OF 3

PRODUCT: A two-component aliphatic, polyester polyurethane coating.

DESCRIPTION: Griggs HI-SOLIDS Polyurethane Coating is a two-component chemically cured product that forms a film that is resistant to chemicals, solvents and abrasion. This product has excellent adhesion to most substrates and is recommended for heavy duty industrial applications where a tough, chemical, water and abrasion resistant coating is required. Excellent for use as an exterior Anti-Graffiti Coating. This coating is available in a 4:1 mixture for brush, roll and spray applications. It is specially formulated for excellent ultraviolet ray resistance and superior exterior durability.

PROPERTIES:

SOLIDS(Weight)..... 65 - 70%**
SOLIDS(Volume)..... 53 - 57%**
VISCOSITY..... 75 - 90 KU
COLORS..... Full Range
POT LIFE(77 degrees F)..... 6 - 8 Hours*
TACK FREE..... 2 Hours*
DRY HARD..... 8 Hours*
LIGHT SERVICE..... 24 Hours*
FULL SERVICE..... 7 Days*
* Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.
**Values will vary with color.

ADVANTAGES:

(1). Excellent Exterior Durability
(2). Abrasion Resistant
(3). Anti-Graffiti Coating
(4). Meets ASTM Standard Tests
(5). Resistant to Corrosive Fumes
(6). Solvent & Chemical Resistant

TECHNICAL DATA SHEET
HI-SOLIDS POLYURETHANE
PAGE 2 OF 3

USES:

(1). Equipment
(2). Epoxy Primed Concrete Floors
(3). Graffiti Prone Areas / Masonry
(4). Automotive/Heavy Equipment (5). Parking Garages

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or grease. Greasy or oily surfaces should be solvent cleaned with care taken not to paint over moist or wet surfaces. The recommended primer is 612A Low "VOC" Epoxy Primer. The use of alkyd based primers under this coating is not advisable. Old paint in peeling condition must be removed. Sandblasting or wire brushing are the preferred methods. Chalky paint must also be wire brushed for maximum adhesion.

APPLICATION: Griggs HI-SOLIDS Polyurethane Coating can be brushed rolled or sprayed. Mechanically mix each component, then combine at a ratio of 4:1 by volume. Let admixed material stand for 15 minutes before using to allow for chemical induction. If thinning is required, use Griggs Polyurethane Thinner.

PRECAUTIONS:

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

CONTENTS ARE FLAMMABLE.

TECHNICAL DATA SHEET
HI-SOLIDS POLYURETHANE
PAGE 3 OF 3

RESISTANCE PROPERTIES CHART

EXPOSURE	SPLASH & SPILLAGE	FUMES
Acids	Very Good	Excellent
Alkalies	Very Good	Excellent
Solvents	Very Good	Excellent
Salt	Excellent	Excellent
Water	Excellent	Excellent

Solvent Resistance: Passes Methyl Ethyl Ketone rub test:

A cotton terry-cloth rag shall be soaked in methyl ethyl ketone solvent and rubbed back and forth 25 times(50 passes) over the coating with a firm finger pressure. Rubbing through to bare metal indicates failure due to improper cure.

Heat Resistance: Passes

Continuous: 200 Degrees F
Non-Continuous: 250 Degrees F

Fluid Resistance: Passes

Two test panels shall be separately immersed for 24 hours in MIL-L-23699 lubricating oil at a temperature of 245 - 255 Degrees Fahrenheit and MIL-L-83282 hydraulic fluid at a temperature of 145 - 155 Degrees Fahrenheit. Fours hours after removal, the film shall not exhibit any blistering, softening, dark staining, or other film defects.

TECHNICAL DATA SHEET
HI-SOLIDS POLYURETHANE 2-1
PAGE 1 OF 3

PRODUCT: A two-component aliphatic, polyester polyurethane coating.

DESCRIPTION: Griggs HI-SOLIDS Polyurethane Coating is a two-component chemically cured product that forms a film that is resistant to chemicals, solvents and abrasion. This product has excellent adhesion to most substrates and is recommended for heavy duty industrial applications where a tough, chemical, water and abrasion resistant coating is required. Excellent for use as an exterior Anti-Graffiti Coating. This coating is available in a 2:1 mixture for brush, roll and spray applications. It is specially formulated for excellent ultraviolet ray resistance and superior exterior durability.

PROPERTIES:

SOLIDS(Weight)..... 65 - 70%**
SOLIDS(Volume)..... 53 - 57%**
VISCOSITY..... 75 - 90 KU
COLORS..... Full Range
POT LIFE(77 degrees F)..... 6 - 8 Hours*
TACK FREE..... 2 Hours*
DRY HARD..... 8 Hours*
LIGHT SERVICE..... 24 Hours*
FULL SERVICE..... 7 Days*
* Higher temperatures will accelerate dry times and decrease pot life, lower temperatures will lengthen cure times and slightly increase pot life.
**Values will vary with color.

ADVANTAGES:

(1). Excellent Exterior Durability
(2). Abrasion Resistant
(3). Anti-Graffiti Coating
(4). Meets ASTM Standard Tests
(5). Resistant to Corrosive Fumes
(6). Solvent & Chemical Resistant

TECHNICAL DATA SHEET
HI-SOLIDS POLYURETHANE 2-1
PAGE 2 OF 3

USES:

(1). Equipment
(2). Epoxy Primed Concrete Floors
(3). Graffiti Prone Areas / Masonry
(4). Automotive/Heavy Equipment
(5). Parking Garages

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or grease. Greasy or oily surfaces should be solvent cleaned with care taken not to paint over moist or wet surfaces. The recommended primer is 612A Low "VOC" Epoxy Primer. The use of alkyd based primers under this coating is not advisable. Old paint in peeling condition must be removed. Sandblasting or wire brushing are the preferred methods. Chalky paint must also be wire brushed for maximum adhesion.

APPLICATION: Griggs HI-SOLIDS Polyurethane Coating can be brushed rolled or sprayed. Mechanically mix each component, then combine at a ratio of 2:1 by volume. Let admixed material stand for 15 minutes before using to allow for chemical induction. If thinning is required, use Griggs Polyurethane Thinner.

PRECAUTIONS:

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

CONTENTS ARE FLAMMABLE.

TECHNICAL DATA SHEET
HI-SOLIDS POLYURETHANE 2-1
PAGE 3 OF 3

RESISTANCE PROPERTIES CHART

EXPOSURE	SPLASH & SPILLAGE	FUMES
Acids	Very Good	Excellent
Alkalies	Very Good	Excellent
Solvents	Very Good	Excellent
Salt	Excellent	Excellent
Water	Excellent	Excellent

Solvent Resistance: Passes Methyl Ethyl Ketone rub test:

A cotton terry-cloth rag shall be soaked in methyl ethyl ketone solvent and rubbed back and forth 25 times(50 passes) over the coating with a firm finger pressure. Rubbing through to bare metal indicates failure due to improper cure.

Heat Resistance: Passes

Continuous: 200 Degrees F
Non-Continuous: 250 Degrees F

Fluid Resistance: Passes

Two test panels shall be separately immersed for 24 hours in MIL-L-23699 lubricating oil at a temperature of 245 - 255 Degrees Fahrenheit and MIL-L-83282 hydraulic fluid at a temperature of 145 - 155 Degrees Fahrenheit. Fours hours after removal, the film shall not exhibit any blistering, softening, dark staining, or other film defects.

TECHNICAL DATA SHEET
HYDRO-ACRYLIC COATING
PAGE 1 OF 2

PRODUCT: A waterbase methacrylic monomer penetrating coating designed to give excellent water repellency and penetration.

DESCRIPTION: Griggs Hydro-Acrylic methacrylic monomer coating is a water-repellent, UV resistant, penetrating stain/coating that adheres tightly to any concrete, masonry or primed metal surface or structure. Due to its superior acrylic formulation, it has excellent exterior durability and UV resistance.

PROPERTIES:

COLORS..... Full Range
FINISH..... Flat to High Gloss
PIGMENT..... Inorganic Oxides
VEHICLE..... Methacrylic Monomer Resin
WEIGHT/GAL..... 8.7 - 11.5 lbs
SOLVENT..... Water

RESISTANCE TO:

OILS..... Excellent
GREASE..... Excellent
WATER..... Excellent
WEATHER..... Excellent

ADVANTAGES:

(1). Highly Durable
(2). Water Repellent
(3). Oil Resistant
(4). Penetrating
(5). Low V.O.C. Content
(6). Ultraviolet Resistant

USES:

(1). Concrete Structures
(2). Pool Decks
(3). Garages
(4). Carports
(5). Walkways
(6). Driveway
(7). Primed Metal Siding

TECHNICAL DATA SHEET
HYDRO-ACRYLIC COATING
PAGE 2 OF 2

APPLICATION & REDUCTION: Griggs Hydro-Acrylic coating can be brushed, rolled or sprayed. This product is normally ready for application as supplied. If thinning is necessary, use clean tap water. Do not apply when ambient or surface temperatures below 50 degrees Fahrenheit.

PRECAUTIONS:

Use with adequate ventilation.

Avoid contact with skin and eyes.

KEEP OUT OF THE REACH OF CHILDREN!

Do not take internally.

Avoid breathing vapor or mist.

Read Material Safety Data Sheet before using this product.

TECHNICAL DATA SHEET
HYDROPOX #1 FLOOR COATING
PAGE 1 OF 3

DESCRIPTION: A water base epoxy-modified coating that provides excellent adhesion, solvent resistance and abrasion resistance with water clean up. Hydropox #1 Floor Coating provides a film that has excellent adhesion to many substrates such as aluminum, steel, concrete, wood, and asphalt. Hydropox #1 Floor Coating has low odor than most floor & deck enamels due to its waterbase formulation.

PROPERTIES:

COLORS	Full Range
FINISH	High Gloss
VEHICLE	Epoxy Modified Acrylic
SOLIDS(Weight)	51 - 53%
SOLIDS(Volume)	40 - 42%
COVERAGE	300 - 400 sq.ft/gal
DRY-TO-TOUCH	1 Hour*
DRY HARD	24 Hours*
FULL DRY	96 Hours*

* Drying times at 75 - 77 Degrees Fahrenheit

TYPICAL USES:

(1). Garages
(2). Warehouse Floors
(3). Concrete Decks
(4). Wood
(5). Steel
(6). Asphalt

CHARACTERISTICS:

(1). Water Clean-up
(2). Excellent Adhesion
(3). Low V.O.C. Content
(4). Epoxy Modified
(5). Low Odor

TECHNICAL DATA SHEET
HYDROPOX #1 FLOOR COATING
PAGE 2 OF 3

APPLICATION & REDUCTION:

Hydropox #1 Floor Coating can be applied by brush, roller or spray. Thin with tap water as required for application and operator preference.

MIXING INSTRUCTIONS:
Thin with clean tap water as needed for proper flow and workability.

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete must be sandblasted, vacuum blasted or acid etched in order to achieve maximum adhesion. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP FROM FREEZING!

SURFACE PREPARATION AND PAINTING OF CONCRETE

Concrete as well as steel, must be cleaned before painting. Painting greasy, dirty or dusty concrete is just as bad as painting rusty and uncleaned steel. **Grease should be removed by washing with a solution of trisodium phosphate and soap chips in water. If foreign matter is not removed the stain or paint will not obtain satisfactory penetration or bond and peeling will result.**

Concrete has laitance, which is completely hydrated cement scum, which floats up, and just clings to the surface. **This laitance is the cause of most of the early bond failure of a protective coatings on concrete. The laitance be removed by slight sandblasting(whip blasting).** Laitance is especially bad on the interior of centrifugally spun concrete pipes.

No concrete hardeners should be used with concrete that will be stained or painted later, because they will kill the adhesion and prevent proper acid etching. **Certain curing compounds are also detrimental to adhesion.**

Forms for pouring concrete should be coated with materials that do not leave a residual film on the concrete. **Form oils or waxes which stick to the concrete must be removed or the stain or paint will not get proper penetration and will peel.** The removal of waxy residue is not easy because an acid wash will not be sufficient and only whip sandblasting will prepare the surface properly.

Steel trowelled concrete and steel form concrete are often glazed and are too smooth to be stained or painted without etching or whip sandblasting to give them a profile for best adhesion.

Regarding etching of concrete, it should be pointed out, that if the treated surface is not scrubbed and flushed with sufficient water to remove all traces of the acid and salts formed by the etching, these water soluble chlorides may induce severe early blistering because of osmotic action. A mild alkali rinse with trisodium phosphate or a mild caustic solution and further rinsing with clear water will eliminate the danger of blistering.

TECHNICAL DATA SHEET
HYDROPOX #1 MARKING PAINT
PAGE 1 OF 2

PRODUCT: A conventional dry waterbase modified, vinyl acrylic line stripe and turf marking paint.

DESCRIPTION: A specially formulated waterbase, vinyl-acrylic turf marking paint formulated for use on a variety of substrates. It can be applied by brush, roll or spray. Hydropox #1 Marking Paint is ideal for marking playgrounds, soccer fields, football fields, and baseball fields.

PROPERTIES:

COLORS	Full Spectrum
PIGMENT SOLIDS	41 - 42%
VEHICLE SOLIDS	60 - 62%
GRIND	4+
VISCOSITY	70 - 95 KU
VEHICLE TYPE	Vinyl Acrylic
THINNER	Water
CLEAN-UP	Water

ADVANTAGES:
(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Water Clean-Up and Thinning.
(5). Low Odor.
(6). High Opacity.

USES:
(1). Baseball Fields.
(2). Soccer Fields.
(3). Football Fields.
(4). Playgrounds.
(5). Field Marking.
(6) Stripping.

TECHNICAL DATA SHEET
HYDROPOX #1 MARKING PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs Hydropox #1 Marking Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with water not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from freezing.

TECHNICAL DATA SHEET
HYDROPOX #2 4:1 EPOXY
PAGE 1 OF 5

DESCRIPTION: A two component water base epoxy amine coating that provides excellent adhesion, solvent resistance and abrasion resistance with water clean up. Hydropox #2 provides a film that is comparable with many solvent base systems. It exhibits excellent adhesion to many substrates such as aluminum, cold rolled steel, glass, concrete, masonry, plastics, tile, aged alkyd and epoxy films. Hydropox #2 exhibits less odor than acrylic latex paint and can be applied electrostatically. Hydropox #2 can also be used as an Anti-Graffiti coating. Since it is highly resistant to many solvents after cured, the ordinary paints, such as aerosol paints, can be wiped off without damaging the existing gloss, color or film, even if rubbed. Hydropox #2 is designed for the professional user. It is a true epoxy system and will exhibit properties of solvent based systems. **Always mix at a ratio of 4:1 by volume.**

PROPERTIES:

COLORS	Full Range
FINISH	High Gloss
VEHICLE	Epoxy Amine
SOLIDS BY VOLUME(Mixed)	61 - 63%
SOLIDS BY WEIGHT(Mixed)	74 - 76%
POT LIFE(@70 Degrees F)	*4 - 6 Hrs
DRY-TO-TOUCH	*1-3 Hours
DRY HARD	*24 Hours
FULL CURE	*96 Hours
COVERAGE	300 - 400 sq.ft/gal

*(All pot life and dry times will be affected by temperatures.)

TYPICAL USES:

(1). Steel
(2). Floors
(3). Garages
(4). Wood
(5). Clean Rooms

CHARACTERISTICS:

(1). Water Clean-up
(2). Excellent Adhesion
(3). Low V.O.C. Content
(4). Mildew, Mold and Fungus Resistant
(5). Chemical Resistant

APPLICATION & REDUCTION: Hydropox #2 4:1 can be applied by brush, roller or spray. Thin with tap water as required for application and operator preference.

MIXING INSTRUCTIONS: Premix both parts thoroughly before combining. Add 4 parts Component B to 1 part Component A by volume. Thoroughly mix then add tap water as required. Normally, due to this coating's high solids content, 1/2 gallon to 3/4 gallon of water is required to thin paint to a satisfactory rolling, spraying or brushing consistency. If paint does not flow smoothly when applying, add more water until a smooth flow is accomplished. *The addition of 3-8 ounces per gallon of Acetone after thinning with water will enhance gloss and flow characteristics.*

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete should be sandblasted, vacuum blasted or acid etched. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. If recoating an epoxy surface is desired, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP FROM FREEZING!

BASE COAT/TOP COAT SYSTEM APPLICATION FOR CONCRETE FLOORS:

After proper profile is achieved on the concrete through bead blast, sandblast or acid etch, the base coat of Hydropox #2 must be thinned sufficiently to allow for penetration into the pores of the concrete. A base coat that is too thick may result in peeling due to bonding failure. Suggested thinning for the first coat for the 1.25 gallon kit size is to add 1 gallon of water and 8 ounces of Acetone to that mixture. This material is high solids and may be thinned additionally if needed to assure penetration of the coating into the concrete. The second coat may then be thinned with approximately 1/2 to 3/4 gallon of water per 1.25 gallon kit. The addition of 3-8 ounces of Acetone is also highly recommended for the topcoat mixture, as this will improve the flow, film development and final finish of the cured film. The use of Hydropox #2 without thinning is not recommended, especially as a base coat on concrete floors. This material is supplied at high solids in order to make its use more economical to the applicator. Thinning with water at the recommended levels will drastically reduce the net cost of this product. For best results, follow all recommended thinning and application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT: 2-3 mils (50-75 microns)

THEORETICAL COVERAGE PER GALLON*
593 mil sq. ft.(catalyzed & thinned per above)

* Mixing and application losses will vary and must be taken into consideration along with the condition of the substrate when estimating job requirements.

DURABILITY:

Hydropox #2 is very abrasion resistant and may be used for aircraft hangars, parking garages, industrial shop areas, laboratories, shipping-receiving areas, clean rooms, kitchens, control rooms, correctional facilities, computer rooms, carports, patios and other such areas. This coating will provide a protective film that has excellent impact and abrasion resistance. It is resistant to most chemicals, solvents, mold, fungus and mildew. Hydropox #2 may also be topcoated with Griggs HI-SOLIDS Polyurethane finish for exterior applications that require UV resistance and gloss stability.

CHEMICAL RESISTANCE:

CHEMICAL/SOLVENT	*SPLASH/SPILLAGE*	*FUMES*
Acids(dilute)	Good	Good
Alkalies	Very Good	Very Good
Solvents	Excellent	Excellent
Salt	Good	Good
Water	Very Good	Very Good
Gasoline	Very Good	Very Good
Motor Oil	Very Good	Very Good

SURFACE PREPARATION AND PAINTING OF CONCRETE

Concrete as well as steel, must be cleaned before painting. Painting greasy, dirty or dusty concrete is just as bad as painting rusty and uncleaned steel. **Grease should be removed by washing with a solution of trisodium phosphate and soap chips in water. If foreign matter is not removed the stain or paint will not obtain satisfactory penetration or bond and peeling will result.**

Concrete has laitance, which is completely hydrated cement scum, which floats up, and just clings to the surface. **This laitance is the cause of most of the early bond failure of a protective coatings on concrete. The laitance be removed by slight sandblasting(whip blasting).** Laitance is especially bad on the interior of centrifugally spun concrete pipes.

No concrete hardeners should be used with concrete that will be stained or painted later, because they will kill the adhesion and prevent proper acid etching. **Certain curing compounds are also detrimental to adhesion.**

Forms for pouring concrete should be coated with materials that do not leave a residual film on the concrete. **Form oils or waxes which stick to the concrete must be removed or the stain or paint will not get proper penetration and will peel.** The removal of waxy residue is not easy because an acid wash will not be sufficient and only whip sandblasting will prepare the surface properly.

Steel trowelled concrete and steel form concrete are often glazed and are too smooth to be stained or painted without etching or whip sandblasting to give them a profile for best adhesion.

Regarding etching of concrete, it should be pointed out, that if the treated surface is not scrubbed and flushed with sufficient water to remove all traces of the acid and salts formed by the etching, these water soluble chlorides may induce severe early blistering because of osmotic action. A mild alkali rinse with trisodium phosphate or a mild caustic solution and further rinsing with clear water will eliminate the danger of blistering.

TECHNICAL DATA SHEET
HYDROPOX #2 4:1 EPOXY
PAGE 1 OF 7

DESCRIPTION: A two component water base epoxy amine coating that provides excellent adhesion, solvent resistance and abrasion resistance with water clean up. Hydropox #2 provides a film that is comparable with many solvent base systems. It exhibits excellent adhesion to many substrates such as aluminum, cold rolled steel, glass, concrete, masonry, plastics, tile, aged alkyd and epoxy films. Hydropox #2 exhibits less odor than acrylic latex paint and can be applied electrostatically. Hydropox #2 can also be used as an Anti-Graffiti coating. Since it is highly resistant to many solvents after cured, the ordinary paints, such as aerosol paints, can be wiped off without damaging the existing gloss, color or film, even if rubbed. Hydropox #2 is designed for the professional user. It is a true epoxy system and will exhibit properties of solvent based systems. **Always mix at a ratio of 4:1 by volume.**

PROPERTIES:

COLORS..... Full Range
FINISH..... High Gloss
VEHICLE..... Epoxy Amine
SOLIDS BY VOLUME(Mixed)..... 61 - 63%
SOLIDS BY WEIGHT(Mixed)..... 74 - 76%
POT LIFE(@70 Degrees F)..... *4 - 6 Hrs
DRY-TO-TOUCH..... *1-3 Hours
DRY HARD..... *24 Hours
FULL CURE..... *96 Hours
COVERAGE..... 306 - 426 sq.ft/gal
(8.0 - 10.4 sq meters/liter) *(All pot life and dry times will be affected by temperatures.)

TYPICAL USES:

(1). Steel
(2). Floors
(3). Garages
(4). Wood
(5). Clean Rooms

CHARACTERISTICS:

(1). Water Clean-up
(2). Excellent Adhesion
(3). Low V.O.C. Content
(4). Mildew, Mold and Fungus Resistant
(5). Chemical Resistant

APPLICATION & REDUCTION: Hydropox #2 4:1 can be applied by brush, roller or spray. Thin with tap water as required for application and operator preference.

MIXING INSTRUCTIONS: Premix both parts thoroughly before combining. Add 4 parts Component B to 1 part Component A by volume. Thoroughly mix then add tap water as required. Normally, due to this coating's high solids content, 1/2 gallon to 3/4 gallon of water is required to thin paint to a satisfactory rolling, spraying or brushing consistency. If paint does not flow smoothly when applying, add more water until a smooth flow is accomplished. *The addition of 3-8 ounces per gallon of Acetone after thinning with water will enhance gloss and flow characteristics.*

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete should be sandblasted, vacuum blasted or acid etched. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. If recoating an epoxy surface is desired, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP FROM FREEZING!

BASE COAT/TOP COAT SYSTEM APPLICATION FOR CONCRETE FLOORS:

After proper profile is achieved on the concrete through bead blast, sandblast or acid etch, the base coat of Hydropox #2 must be thinned sufficiently to allow for penetration into the pores of the concrete. A base coat that is too thick may result in peeling due to bonding failure. Suggested thinning for the first coat for the 1.25 gallon kit size is to add 1 gallon of water and 8 ounces of Acetone to that mixture. This material is high solids and may be thinned additionally if needed to assure penetration of the coating into the concrete. The second coat may then be thinned with approximately 1/2 to 3/4 gallon of water per 1.25 gallon kit. The addition of 3-8 ounces of Acetone is also highly recommended for the topcoat mixture, as this will improve the flow, film development and final finish of the cured film. The use of Hydropox #2 without thinning is not recommended, especially as a base coat on concrete floors. This material is supplied at high solids in order to make its use more economical to the applicator. Thinning with water at the recommended levels will drastically reduce the net cost of this product. For best results, follow all recommended thinning and application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT: 2-3 mils (50-75 microns)

* Mixing and application losses will vary and must be taken into consideration along with the condition of the substrate when estimating job requirements.

DURABILITY:

Hydropox #2 is very abrasion resistant and may be used for aircraft hangars, parking garages, industrial shop areas, laboratories, shipping-receiving areas, clean rooms, kitchens, control rooms, correctional facilities, computer rooms, carports, patios and other such areas. This coating will provide a protective film that has excellent impact and abrasion resistance. It is resistant to most chemicals, solvents, mold, fungus and mildew. Hydropox #2 may also be topcoated with Griggs HI-SOLIDS Polyurethane finish for exterior applications that require UV resistance and gloss stability.

CHEMICAL RESISTANCE:

CHEMICAL/SOLVENT	*SPLASH/SPILLAGE*	*FUMES*
Acids(dilute)	Good	Good
Alkalies	Very Good	Very Good
Solvents	Excellent	Excellent
Salt	Good	Good
Water	Very Good	Very Good
Gasoline	Very Good	Very Good
Motor Oil	Very Good	Very Good

SURFACE PREPARATION AND PAINTING OF CONCRETE

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Steel trowelled concrete and steel form concrete are often glazed and are too smooth to be stained or painted without etching or whip sandblasting to give them a profile for best adhesion.

Regarding etching of concrete, it should be pointed out, that if the treated surface is not scrubbed and flushed with sufficient water to remove all traces of the acid and salts formed by the etching, these water soluble chlorides may induce severe early blistering because of osmotic action. A mild alkali rinse with trisodium phosphate or a mild caustic solution and further rinsing with clear water will eliminate the danger of blistering.

COATING SYSTEMS SELECTIONS

CONCRETE FLOORS:

INTERIOR

1 COAT HYDROPOX #2 THINNED TO A VISCOSITY OF 70-75 KU OR BY ADDING APPROXIMATELY 3/4 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

2 COATS HYDROPOX #2 THINNED TO NORMAL WORKING CONSISTENCY TO ACHIEVE PROPER WORKABILITY, FLOW AND LEVELING. THIN APPROXIMATELY 1/2 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

EXTERIOR

1 COAT HYDROPOX #2 THINNED TO A VISCOSITY OF 70-75 KU OR BY ADDING APPROXIMATELY 3/4 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

2 COATS HI-SOLIDS 2-PART POLYURETHANE COATING.

MASONRY WALLS

INTERIOR:

1 COAT 100% ACRYLIC HD BLOCK FILLER @ 10 DRY MILS

2 COATS HYDROPOX #2 THINNED TO NORMAL WORKING CONSISTENCY TO ACHIEVE PROPER WORKABILITY, FLOW AND LEVELING. THIN APPROXIMATELY 1/2 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

EXTERIOR:

1 COAT 100% ACRYLIC HD BLOCK FILLER @ 10 DRY MILS

1 COAT HYDROPOX #2 THINNED TO NORMAL WORKING CONSISTENCY TO ACHIEVE PROPER WORKABILITY, FLOW AND LEVELING. THIN APPROXIMATELY 1/2 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

1 COAT HI-SOLIDS 2-PART POLYURETHANE COATING AT 2 DRY MILS

STEEL

INTERIOR:

1 COAT ADOT #1 PHENOLIC GRAY PRIMER AT 2 DRY MILS

2 COATS HYDROPOX #2 THINNED TO NORMAL WORKING CONSISTENCY TO ACHIEVE PROPER WORKABILITY, FLOW AND LEVELING. THIN APPROXIMATELY 1/2 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

EXTERIOR:

1 COAT ADOT #1 PHENOLIC GRAY PRIMER AT 2 DRY MILS

1 COAT HYDROPOX #2 THINNED TO NORMAL WORKING CONSISTENCY TO ACHIEVE PROPER WORKABILITY, FLOW AND LEVELING. THIN APPROXIMATELY 1/2 GALLON OF WATER TO EACH 1.25 GALLON ADMIXED KIT.

1 COAT HI-SOLIDS 2-PART POLYURETHANE COATING AT 2 DRY MILS

*** Minimum surface preparation for steel under mild interior environments is Hand Tool Cleaning per SSPC-SP2. For more aggressive environments, abrasive blast to a SSPC-SP6 Commercial Blast Finish and 1-1/2 mil maximum blast profile.

TECHNICAL DATA SHEET
HYDROPOX #2 4:1 EPOXY
PAGE 1 OF 5

DESCRIPTION: A two component water base epoxy amine coating that provides excellent adhesion, solvent resistance and abrasion resistance with water clean up. Hydropox #2 provides a film that is comparable with many solvent base systems. It exhibits excellent adhesion to many substrates such as aluminum, cold rolled steel, glass, concrete, masonry, plastics, tile, aged alkyd and epoxy films. Hydropox #2 exhibits less odor than acrylic latex paint and can be applied electrostatically. Meets FDA guidelines for surfaces to be exposed to direct/indirect food contact. Hydropox #2 can also be used as an Anti-Graffiti coating. Since it is highly resistant to many solvents and chemicals after cured, the ordinary paints, such as aerosol paints, can be wiped off without damaging the existing gloss, color or film, even if rubbed. Hydropox #2 is designed for the professional user. It is a true epoxy system and will exhibit properties of solvent based systems. **Always mix at a ratio of 4:1 by volume.**

PROPERTIES:

COLORS	Full Range
FINISH	High Gloss
VEHICLE	Epoxy Amine
SOLIDS BY VOLUME(Mixed)	61 - 63%
SOLIDS BY WEIGHT(Mixed)	74 - 76%
POT LIFE(@70 Degrees F)	*4 - 6 Hrs
DRY-TO-TOUCH	*1-3 Hours
DRY HARD	*24 Hours
FULL CURE	*96 Hours
COVERAGE	300 - 400 sq.ft/gal

*(All pot life and dry times will be affected by temperatures.)

TYPICAL USES:

(1). Steel
(2). Floors
(3). Garages
(4). Concrete Surfaces
(5). Clean Rooms - Meets FDA Guidelines

TECHNICAL DATA SHEET
HYDROPOX #2 4:1 EPOXY
PAGE 2 OF 5

CHARACTERISTICS:

(1). Water Clean-up
(2). Excellent Adhesion to Concrete
(3). Low V.O.C. Content, Low Odor
(4). Mildew, Mold and Fungus Resistant
(5). Chemical Resistant
(6). Scrub/Abrasion Resistant

APPLICATION & REDUCTION: Hydropox #2 4:1 can be applied by brush, roller or spray. Thin with tap water as required for application and operator preference.

MIXING INSTRUCTIONS: Premix both parts thoroughly before combining. Add 4 parts Component B to 1 part Component A by volume. Thoroughly mix then add tap water as required. Normally, due to this coating's high solids content, normally 3/4 gallon of water is required to thin paint to a satisfactory rolling, spraying or brushing consistency. This makes Hydropox #2 a very economical coating, as after thinning with water, a 1.25 gallon kit will yield 2 gallons of ready-to-use coating. If paint does not flow smoothly when applying, add more water until a smooth flow is accomplished. ***The addition of 3-8 ounces per gallon of Acetone after*** *thinning with water will enhance gloss and flow characteristics.*

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, loose paint or curing compounds. Surface may be damp, but standing water must be removed. Concrete should be sandblasted, vacuum blasted or acid etched. If an acid etch is performed, surface must be rinsed and neutralized with a solution of ammonia and water. Mix 1 pint household ammonia to 5 gallons water and scrub surface immediately after water rinse. If recoating an epoxy surface is desired, and coating has cured more than 24 hours at 77 degrees F or cannot be indented with a fingernail, a light sanding with 60-80 grit sandpaper is required for proper adhesion of the new coat.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES.

READ MATERIAL SAFETY DATA SHEET BEFORE USING.

KEEP FROM FREEZING!

BASE COAT/TOP COAT SYSTEM APPLICATION FOR CONCRETE FLOORS:

After proper profile is achieved on the concrete through bead blast, sandblast or acid etch, the base coat of Hydropox #2 must be thinned sufficiently to allow for penetration into the pores of the concrete. A base coat that is too thick may result in peeling due to bonding failure. Suggested thinning for the first coat for the 1.25 gallon kit size is to add 1 gallon of water and 8 ounces of Acetone to that mixture. This material is high solids and may be thinned additionally if needed to assure penetration of the coating into the concrete. The second coat may then be thinned with approximately 1/2 to 3/4 gallon of water per 1.25 gallon kit. The addition of 3-8 ounces of Acetone is also highly recommended for the topcoat mixture, as this will improve the flow, film development and final finish of the cured film. The use of Hydropox #2 without thinning is not recommended, especially as a base coat on concrete floors. This material is supplied at high solids in order to make its use more economical to the applicator. Thinning with water at the recommended levels will drastically reduce the net cost of this product. For best results, follow all recommended thinning and application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT: 2-3 mils (50-75 microns)

THEORETICAL COVERAGE PER GALLON*
593 mil sq. ft.(catalyzed & thinned per above)

* Mixing and application losses will vary and must be taken into consideration along with the condition of the substrate when estimating job requirements.

DURABILITY:

Hydropox #2 is very abrasion resistant and may be used for aircraft hangars, parking garages, industrial shop areas, laboratories, shipping-receiving areas, clean rooms, kitchens, control rooms, correctional facilities, computer rooms, carports, patios and other such areas. This coating will provide a protective film that has excellent impact and abrasion resistance. It is resistant to most chemicals, solvents, mold, fungus and mildew. Hydropox #2 may also be topcoated with Griggs HI-SOLIDS Polyurethane finish for exterior applications that require UV resistance and gloss stability.

CHEMICAL RESISTANCE:

CHEMICAL/SOLVENT	*SPLASH/SPILLAGE*	*FUMES*
Acids(dilute)	Good	Good
Alkalies	Very Good	Very Good
Solvents	Excellent	Excellent
Salt	Good	Good
Water	Very Good	Very Good
Gasoline	Very Good	Very Good
Motor Oil	Very Good	Very Good

SURFACE PREPARATION AND PAINTING OF CONCRETE

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No concrete hardeners should be used with concrete that will be stained or painted later, because they will kill the adhesion and prevent proper acid etching. **Certain curing compounds are also detrimental to adhesion.**

Forms for pouring concrete should be coated with materials that do not leave a residual film on the concrete. **Form oils or waxes which stick to the concrete must be removed or the stain or paint will not get proper penetration and will peel.** The removal of waxy residue is not easy because an acid wash will not be sufficient and only whip sandblasting will prepare the surface properly.

Steel trowelled concrete and steel form concrete are often glazed and are too smooth to be stained or painted without etching or whip sandblasting to give them a profile for best adhesion.

Regarding etching of concrete, it should be pointed out, that if the treated surface is not scrubbed and flushed with sufficient water to remove all traces of the acid and salts formed by the etching, these water soluble chlorides may induce severe early blistering because of osmotic action. A mild alkali rinse with trisodium phosphate or a mild caustic solution and further rinsing with clear water will eliminate the danger of blistering.

TECHNICAL DATA SHEET
INJECTION EPOXY FILLER

PRODUCT: A liquid modified 100% solids epoxy coating with room temperature curing. Excellent adhesion to concrete and other materials. This coating will cure in the presence of moisture and water.

MAJOR USES: Patching and surfacing, patching compounds, adhesives, bonding new and old concrete, potting and encapsulation, filling, casting, hand lay laminating and seamless floors.

PROPERTIES:
100% solids
Tensile strength..... 400 - 500 PSI
Tensile elongation..... D-638
Pot life at 77 F..... 15 - 35 minutes
Chemical and acid resistance..... Excellent

APPLICATION: Griggs Epoxy Crack Filler is supplied in kits that yield 1 gal. This material can be poured directly into the crack. Always remember to mix Part A with Part B. It is very important to mix both parts well before use. Also very important is the thorough mixing after combining part A with part B.

PRECAUTIONS: Take these precautions before the coating dries and during application.

The following applies to Part A and Part B

Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY.

TECHNICAL DATA SHEET
METHACRYLATE CLEAR ACRYLIC LACQUER
PAGE 1 OF 2

PRODUCT: A clear unpigmented, solvent base acrylic coating formulated specifically for use on properly prepared metal surfaces.

DESCRIPTION: A specially formulated clear acrylic coating designed as a general purpose, exterior protective coating for metal surfaces. Meets Government Specification MIL-L-81352A as it is resistant to diester lubricating oil and heat. Available in pigmented colors upon request.

PROPERTIES:

COLOR..... Clear
FINISH..... Gloss
SOLIDS(Weight)..... 45 - 47%
THEORETICAL COVERAGE..... 150 - 400 sq.ft/gal
DRY FILM THICKNESS..... 1 mil @ 350 sq.ft./gal

DRYING TIME-AT 75 DEGREES F:

TO TOUCH..... 40 Mins
TO RECOAT..... 4 Hours
VEHICLE TYPE..... Acrylic Solution
WEIGHT/GAL..... 8.1 - 8.3 lbs

ADVANTAGES:

(1). Acrylic Protection.
(2). Fast Drying.
(3). Seals Surface.
(4). Oil and Heat Resistant.
(5). UV Resistant

USES:

(1). Metal Surfaces.
(2). Equipment.
(3). Bridges.
(4). Machinery.

TECHNICAL DATA SHEET
METHACRYLATE CLEAR ACRYLIC LACQUER
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Methacrylate Clear Lacquer can be applied at packaged consistency by brush, roller or spray. Apply liberally but evenly. If reduction is necessary, use xylol. Due to its quick dry characteristics, spraying is the preferred method of application.

SURFACE PREPARATION:

Surface to be coated must be free from all dirt, grease and contamination before application.

PRECAUTIONS:

Keep from heat and flame.

Do not use below 55 Degrees F.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A conventional dry solvent-base traffic coating which meets Federal Specification A-A-2886A and MPI #32

DESCRIPTION: A ready-mixed traffic paint for application to traffic bearing surfaces, such as Portland cement, concrete, bituminous pavement, brick surfaces of streets, highways, bridges, tunnels, etc. Meets Federal Specification A-A-2886A & MPI #32.

PROPERTIES:

COLORS..... White, Green, Yellow, Black, Red, Blue
PIGMENT(Weight)..... 50 - 60%
GRIND..... 4+
VISCOSITY..... 70 - 85 KU
DRYING TIME(depends on type)..... 5 - 30 Mins
VEHICLE TYPE..... Chlorinated/Alkyd

ADVANTAGES:

(1). Early Water Resistance
(2). Rapid Dry
(3). Early Tracking Resistance
(4). Meets A-A-2886A & MPI #32
(5). High Solids, Low VOC Content
(6). Lead & Chromate Free
(7). Can be Reflectorized (TY.III)

USES:

(1). Portland Cement
(2). Concrete
(3). Asphalt
(4). Highways and Streets
(5). Brick

TECHNICAL DATA SHEET
TRAFFIC PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs A-A-2886A & MPI #32 Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. If thinning is required, reduce with xylene not exceeding one pint per gallon.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

Contents are Flammable.

TECHNICAL DATA SHEET
M-Y-R-A ADHESIVE EPOXY

PRODUCT: A liquid modified 100% solids epoxy coating with room temperature curing. Excellent adhesion to concrete and other materials. This coating will cure in the presence of moisture.

MAJOR USES: Flooring and surfacing, patching compounds, adhesives, bonding new and old concrete, potting and encapsulation, casting, hand lay laminating and seamless floors.

PROPERTIES: 100% solids
Tensile strength: 8,000 - 10,000 P.S.I. Tensile elongation: 6 - 7 Pot life at 77 F: 10 30 minutes. Chemical and acid resistance: Excellent (see manufacture for more details)

APPLICATION: MYRA Adhesive Epoxy is supplied in kits that 1 or 5 gallons. This material can be rolled, squeegeed and brushed with proper tools. Mix part A with part B. It is very important to mix both parts well before use. Also very important is the thorough mixing after combining part A with part B. For longer pot life we suggest that after mixing well, admixed material be spread immediately to substrate. The thinner the mil the longer the pot life.

COLORS: Concrete Gray,some pastel colors upon request.

PRECAUTIONS: Take these precautions before the coating dries and during application. **The following applies to Part A and Part B** Harmful or fatal if swallowed. Vapor harmful. Eye irritant. Keep away from heat, sparks, and open flame. Avoid prolonged contact with skin or breathing of vapors. Keep containers closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
Use with adequate ventilation. KEEP OUT OF REACH OF CHILDREN!!! If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY

TECHNICAL DATA SHEET
NON-SKID COATING
PAGE 1 OF 2

PRODUCT: A high quality non-skid oilbase epoxy-modified alkyd enamel for use on all wood, metal or masonry surfaces. This product is extremely durable and provides a non-skid surface for better traction. This is a single-component coating, no catalyst required.

DESCRIPTION: A specially formulated non-skid oilbase epoxy modified alkyd enamel for wood, metal and masonry surfaces. Griggs Non-Skid Oilbase Epoxy-Modified Enamels are durable and provide a no-slip semigloss surface that helps prevent slipping in critical areas. This coating is specially formulated for high traffic areas due to its epoxy modification.

PROPERTIES:

COLORS..... Full Spectrum
SOLIDS(Weight)*..... 58 - 62%
THEORETICAL COVERAGE*..... 350 - 450 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat

DRYING TIME-AT 75 DEGREES F:

TO HANDLE..... 4 To 6 Hours
TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Epoxy Modified Alkyd
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:

(1). Provides a Non-Skid Surface.
(2). Excellent Hide.
(3). Extremely Durable.
(4). Excellent Adhesion.
(5). Easy Application.
(6). Extremely Washable.

USES:

(1). Wood.
(2). Metal.
(3). Concrete.
(4). Masonry.

TECHNICAL DATA SHEET
NON-SKID COATING
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Non-Skid Coatings are formulated for brush or roll application. Use at packaged viscosity or thin as needed with Synthetic Reducer, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application of non-skid coating.

PRECAUTIONS:

Contents are COMBUSTIBLE.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
NON-SKID FLOOR COATING ROUGHCOAT
PAGE 1 OF 2

PRODUCT: A high pigmented, modified alkyd floor and deck enamel for concrete, wood and masonry surfaces. This product is extremely durable and provides a non-slip, water-resistant surface. This is a single-component coating, no catalyst required.

DESCRIPTION: A specially formulated, high pigmentation floor and deck coating for concrete, wood and masonry surfaces. Griggs ROUGHCOAT is extremely slip resistant, even when the coating is wet. This coating is specially formulated for high traffic areas due to its high solids formulation.

PROPERTIES:

COLOR..... Dark Gray
SOLIDS(Weight)*..... 45 - 50%
THEORETICAL COVERAGE*..... 300 - 350 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat
DRYING TIME-AT 75 DEGREES F:
TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Modified Alkyd
WEIGHT/GAL..... 10.2 - 10.5 lbs/gal

ADVANTAGES:

(1). Provides a Slip Resistant Surface
(2). Excellent Adhesion
(3). Extremely Durable
(4). Excellent Adhesion
(5). Extremely Washable
(6). Resistance to Water and Humidity
(7). Resistance to Abrasion

USES:

(1). Concrete
(2). Pool Decks
(3). Masonry
(4). Warehouse Floors
(5). Floor & Deck
(6). Wood Floors and Decks
(7). Ramps

TECHNICAL DATA SHEET
NON-SKID FLOOR COATING ROUGHCOAT
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs ROUGHCOAT is formulated for brush, roll or spray application. Use at packaged viscosity or thin as needed with Xylol, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Chemical acid etching or sandblasting of concrete is recommended to achieve proper penetration of coating into the substrate.

PRECAUTIONS:

Contents are Flammable.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
NON-SKID OILBASE COATING
PAGE 1 OF 2

PRODUCT: A high quality non-skid oilbase enamel for use on all wood, metal or masonry surfaces. This product is extremely durable and provides a non- skid surface for better traction.

DESCRIPTION: A specially formulated non-skid oilbase enamel for wood, metal and masonry surfaces. Griggs Non-Skid Oilbase Enamels are durable and provide a no-slip surface that helps prevent slipping in critical areas.

PROPERTIES:

COLORS..... Gray,Beige & Black
SOLIDS(Weight)*..... 58 - 62%
THEORETICAL COVERAGE*..... 350 - 450 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat
DRYING TIME-AT 75 DEGREES F:
TO HANDLE..... 4 To 6 Hours
TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Modified Alkyd
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:

(1). Provides a Non-Skid Surface.
(2). Excellent Hide.
(3). Extremely Durable.
(4). Excellent Adhesion.
(5). Easy Application.
(6). Extremely Washable.

USES:

(1). Wood.
(2). Metal.
(3). Concrete.
(4). Masonry.

TECHNICAL DATA SHEET
NON-SKID OILBASE COATING
PAGE 2 OF 2

APPLICATION & REDUCTION:

Griggs Non-Skid Oilbase Enamels are formulated for brush or roll application. Use at packaged viscosity or thin as needed with Synthetic Reducer, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application of non-skid oilbase enamel.

PRECAUTIONS:

Contents are COMBUSTIBLE.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-E-487E FLOOR & DECK ENAMEL
PAGE 1 OF 2

PRODUCT: An alkyd floor and deck enamel.

DESCRIPTION: An alkyd base floor and deck enamel for use on interior and exterior wood and concrete floor and decks. May also be used on ferrous metal decking subject to minimum foot traffic. It is self priming on concrete and bare wood.

PROPERTIES:

COLORS..... Full Spectrum
SOLIDS(Weight)*..... 67 - 69%
THEORETICAL COVERAGE..... 350 - 400 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat

DRYING TIME-AT 75 DEGREES F:

SET-TO-TOUCH..... 3 To 4 Hours
VEHICLE TYPE..... Modified Alkyd
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:

(1). Full Color Range
(2). Good Adhesion
(3). Durable
(4). Washable
(5). Abrasion Resistant
(6). Available in "Non-Skid"

USES:

(1). Car Ports
(2). Concrete
(3). Wood
(4). Patios
(5). Masonry

APPLICATION & REDUCTION:

Griggs TT-E-487 Floor & Deck Enamels are formulated for brush, roll or spray application. Use at packaged viscosity or thin as needed with Synthetic Reducer, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application.

PRECAUTIONS:

Contents are Flammable.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-P-85E
PAGE 1 OF 2

PRODUCT: A ready mixed air dry solvent base traffic paint which meets Federal Specification TT-P-85E.

DESCRIPTION: A specially formulated solvent base, lead-free traffic paint formulated to meet TT-P-85E. It can be applied by brush, roll or spray to a variety of substrates including concrete, portland cement, bituminous cement, asphalt, tar and previously painted areas of this type. May be used as is or to bind reflective glass beads.

PROPERTIES:

COLORS	White & Yellow
SOLIDS(Weight)	78 - 82%
GRIND	5+
VISCOSITY	70 - 80 KU
VEHICLE TYPE	Modified Alkyd
THINNER	Xylol
CLEAN-UP	Xylol
DRY TIME(no pickup)	30 Minutes*

* Controlled lab conditions of humidity and temperature.

ADVANTAGES:
(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Lead & Chromate Free.

USES:
(1). Airport Runways.
(2). Concrete.
(3). Asphalt.
(4). Highways and Streets.
(5). Field Marking.

TECHNICAL DATA SHEET
TT-P-85E
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs TT-P-85E Solvent Base Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. For spraying, strain through a nylon mesh filter bag and thin as required with Xylol for equipment used. For brush and roll, thin up to 1 pint of Xylol per gallon of paint.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product. Use with adequate ventilation.
Contents are Flammable.

TECHNICAL DATA SHEET
TT-P-87D TRAFFIC PAINT
PAGE 1 OF 2

PRODUCT: A reflectorized paint, pre-mixed with low-index glass spheres.

DESCRIPTION: A reflectorized traffic paint, premixed with low-index glass spheres, designed for drop-on application of additional quantity of coarser low-index spheres at time of application; intended for traffic marking. Available in yellow and white. Meets Federal Specification TT-P-87D. Glass spheres meet Federal Specification TT-B-1325, Type I, Grade B.

PROPERTIES:

COLOR.....Yellow & White

NONVOLATILE(wt).....> 35% OF Vehicle

VISCOSITY.....65-75 KU

DRY TIME.....No Pick-Up 40 minutes

ADVANTAGES:

(1). Meets Federal Specification TT-P-87D
(2). Fast Dry.
(3). High Opacity.

USES:

(1). Asphalt
(2). Concrete
(3). Highways
(4). Streets
(5). Airports

TECHNICAL DATA SHEET
TT-P-87D TRAFFIC PAINT
PAGE 2 OF 2

APPLICATION & REDUCTION:

TT-P-87D can be applied by brush, roll or spray.

For brushing and rolling, use as is or thin with Xylol.

For spraying, thin up to 15% or as needed with Toluol.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application.

PRECAUTIONS:

Contents are COMBUSTIBLE.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
RUBBERIZED DECK ENAMEL TT-P-91D
PAGE 1 OF 2

PRODUCT: A high quality, chlorinated rubber deck enamel for concrete and masonry surfaces. This product is extremely durable and provides a chemical resistant surface. This is a single-component coating, no catalyst required.

DESCRIPTION: A specially formulated, chlorinated rubber deck enamel for concrete and masonry surfaces. Griggs TT-P-91D rubberized enamels are chemical resistant and extremely durable. This coating is specially formulated for high traffic areas due to its chlorinated rubber formulation.

PROPERTIES:

COLORS..... Full Spectrum
SOLIDS(Weight)*..... 45 - 50%
THEORETICAL COVERAGE*..... 300 - 350 sq.ft/gal
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat
DRYING TIME-AT 75 DEGREES F:
TO RECOAT..... 12 To 24 Hours
VEHICLE TYPE..... Chlorinated Rubber
WEIGHT/GAL*..... 10.2 - 11.5 lbs/gal
*Values may vary with color.

ADVANTAGES:

(1). Provides a Chemical Resistant Surface
(2). Excellent Adhesion
(3). Extremely Durable
(4). Excellent Adhesion
(5). Extremely Washable
(6). Resistance to Acids and Alkalis
(7). Resistance to water and humidity
(8). Resistance to Abrasion

USES:

(1). Concrete
(2). Pool Decks
(3). Masonry
(4). Warehouse Floors
(5). Floor & Deck

APPLICATION & REDUCTION:

Griggs TT-P-91D Rubberized Deck Enamel is formulated for brush, roll or spray application. Use at packaged viscosity or thin as needed with Xylol, not to exceed 10% by volume.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Chemical acid etching or sandblasting is recommended to achieve proper penetration of coating into the substrate.

PRECAUTIONS:

Contents are Flammable.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-P-1952B WATERBASE TRAFFIC
PAGE 1 OF 2

PRODUCT: A conventional dry waterbase traffic coating which meets Federal Specification TT-P-1952B.

DESCRIPTION: A specially formulated modified acrylic waterbase traffic paint formulated to meet TT-P-1952B Types 1 & 2. It can be applied by brush, roll or spray to a variety of substrates. TT-P-1952B can be applied to emulsified coal tar and uncured asphalt surfaces where solvent systems may cause the surface to crack and lift.

PROPERTIES:

COLORS	White, Yellow & Red
SOLIDS(Weight)	60 - 62%
GRIND	4+
VISCOSITY	70 - 90 KU
VEHICLE TYPE	Acrylic Latex
THINNER	Water
CLEAN-UP	Water

ADVANTAGES:
(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Water Clean-Up and Thinning.
(5). Low Odor.
(6). Lead & Chromate Free

USES:
(1). Airport Runways.
(2). Concrete.
(3). Asphalt.
(4). Highways and Streets.
(5). Field Marking.

TECHNICAL DATA SHEET
TT-P-1952B WATERBASE TRAFFIC

APPLICATION & REDUCTION:
Griggs TT-P-1952B Acrylic Latex Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. For spraying, strain through a nylon mesh filter bag and thin as required for equipment used. For brush and roll, thin up to 1 pint of water per gallon of paint.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection.
Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-P-1952C WATERBASE TRAFFIC
PAGE 1 OF 2

PRODUCT: A conventional dry waterbase traffic coating which meets Federal Specification TT-P-1952C.

DESCRIPTION: A specially formulated modified acrylic waterbase traffic paint formulated to meet TT-P-1952C Types 1 & 2. It can be applied by brush, roll or spray to a variety of substrates. TT-P-1952C can be applied to emulsified coal tar and uncured asphalt surfaces where solvent systems may cause the surface to crack and lift.

PROPERTIES:

COLORS	White, Yellow & Red
SOLIDS(Weight)	75 - 80%
GRIND	4+
VISCOSITY	70 - 90 KU
VEHICLE TYPE	100% Acrylic
THINNER	Water
CLEAN-UP	Water

ADVANTAGES:

(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Water Clean-Up and Thinning.
(5). Low Odor.
(6). Lead & Chromate Free

USES:

(1). Airport Runways.
(2). Concrete.
(3). Asphalt.
(4). Highways and Streets.
(5). Field Marking.

TECHNICAL DATA SHEET
TT-P-1952C WATERBASE TRAFFIC

APPLICATION & REDUCTION:
Griggs TT-P-1952C Acrylic Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. For spraying, strain through a nylon mesh filter bag and thin as required for equipment used. For brush and roll, thin up to 1 pint of water per gallon of paint.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection.
Read Material Safety Data Sheet before use of this product.

TECHNICAL DATA SHEET
TT-P-1952D
PAGE 1 OF 2

PRODUCT: A conventional dry waterbase traffic coating which meets Federal Specification TT-P-1952D.

DESCRIPTION: A specially formulated modified acrylic waterbase, lead-free traffic paint formulated to meet TT-P-1952D. It can be applied by brush, roll or spray to a variety of substrates including concrete, asphalt, grass, brick and runways. TT-P-1952D can be applied to emulsified coal tar and uncured asphalt surfaces where solvent systems may cause the surface to crack and lift.

PROPERTIES:

COLORS	Full Range
SOLIDS(Weight)	77 - 80%
GRIND	4+
VISCOSITY	80 - 95 KU
VEHICLE TYPE	Waterborne Acrylic
THINNER	Water
CLEAN-UP	Water
DRY TIME(no pickup)Type I	10 Minutes*
DRY TIME(no pickup)Type II	5 Minutes*

* Controlled lab conditions of humidity and temperature.

ADVANTAGES:
(1). Early Water Resistance.
(2). Rapid Dry.
(3). Early Tracking Resistance.
(4). Water Clean-Up and Thinning.
(5). Low Odor.
(6). Lead & Chromate Free

USES:
(1). Airport Runways.
(2). Concrete.
(3). Asphalt.
(4). Highways and Streets.
(5). Field Marking.

TECHNICAL DATA SHEET
TT-P-1952D
PAGE 2 OF 2

APPLICATION & REDUCTION:
Griggs TT-P-1952D Acrylic Traffic Paint can be applied by brush, roll or spray. Mix thoroughly before use. For spraying, strain through a nylon mesh filter bag and thin as required for equipment used. For brush and roll, thin up to 1 pint of water per gallon of paint.

SURFACE PREPARATION:
Surface must be clean and free of grease, oil, chalk, dust, and other contaminants. Do not apply if the temperature is below 50 degrees Fahrenheit.

PRECAUTIONS:
KEEP OUT OF THE REACH OF CHILDREN.
Do not take internally.
Avoid breathing vapor or mist.
Do not use in tank or pit without proper protection. Read Material Safety Data Sheet before use of this product.
Keep from freezing.

TECHNICAL DATA SHEET
TT-S-178B

PRODUCT DESCRIPTION:

One type of ready-mixed, single-component coating for use on wood floors as a sealer and surface renewer. May also be used on concrete floors as a sealer.

TYPICAL PROPERTIES:

(1). COLOR..... Clear < Gardner 9
(2). VISCOSITY..... Not over A4
(3). FLASH POINT..... Not under 103 Degrees F
(4). ABRASION RESISTANCE..... Not under 200 wear cycles

DRYING TIMES:

SET-TO-TOUCH..... 1-1/2 to 2-3/4 Hours

DRY HARD..... 4 - 8 Hours

ADVANTAGES:

(1). Use on wood or concrete
(2). Fast drying time
(3). Meets TT-S-178B
(4). Water Repellent
(5). Seals and renews surface

APPLICATION AND REDUCTION:

Griggs TT-S-178B may be brushed, rolled or sprayed. Apply at packaged consistency, no thinning is necessary.

Clean up with Xylol or Mineral Spirits