



TECHNICAL DATA SHEET

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MIL-DTL-53030D PRIMER
WATER REDUCIBLE EPOXY
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DESCRIPTION: A two component, air dry, water reducible epoxy type primer for ferrous and non-ferrous metals. Compatible with chemical agent-resistant aliphatic polyurethane topcoats. Intrepid's MIL-DTL-53030D Primer is lead and chromate free. It is low VOC and HAPS's free. This primer features water thinning and clean-up, but has comparable properties to many solvent base epoxy primers. It is available in Type II (Enhanced corrosion resistance) or Type III (Self contained portable kits of Type II material.)

PROPERTIES:

COLORS..... White & Gray
GLOSS..... Flat - Low Sheen
VEHICLE..... Epoxy
TOTAL SOLIDS..... 70% Min
GLOSS..... 35% Max
POT LIFE(@70 Degrees F,thinned)..... *6 Hrs
DRY-TO-TOUCH..... *45 Minutes
DRY HARD..... *2 Hours
FULL HARD..... *24 Hours
FULL CURE..... *7 Days
*(All pot life and dry times will be affected by temperatures.)

TYPICAL USES:

- (1). Steel
- (2). Aluminum
- (3). Bridges
- (4). Towers
- (5). Equipment

CHARACTERISTICS:

- (1). Water Clean-up
- (2). Excellent Adhesion
- (3). Low V.O.C. Content
- (4). HAP's Free
- (5). Air Dry



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APPLICATION & REDUCTION: Intrepid's MIL-DTL-53030D 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 Part A (Pigmented Component) to 1 part Part B (Clear Component) by volume. Thoroughly mix then add tap water as required for proper flow if brushing & proper atomization if spraying. If retarder is required, add butyl cellosolve as needed not exceeding 6 ounces per kit.

SURFACE PREPARATION: Surface to be coated must be clean, structurally sound and free of all foreign contaminants including dirt, wax, grease, cleaners, loose paint or rust. If recoating an epoxy primer, 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