



TECHNICAL DATA SHEET

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MIL-E-16663A ALKYD
SEMI GLOSS ENAMEL
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PRODUCT: A semi-gloss, alkyd enamel formulated for metal surfaces of ammunition containers and ammunition. This coating is available in Class 1 - Rapid Drying or Class 2 - Flash Drying.

PROPERTIES: COLORS..... Fed Std. 595B
GRIND..... Not Under 4
SPECULAR GLOSS..... 25 - 40 @60 Deg
VISCOSITY..... 70 - 78 KU

DRYING TIME-AT 75 DEGREES F:

Class 1

SET-TO-TOUCH..... Within 20 Minutes
DRY HARD..... Within 30 Minutes
FULL HARDNESS..... Within 16 Hours

Class 2

SET-TO-TOUCH..... Within 6 Minutes
DRY HARD..... Within 20 Minutes
FULL HARDNESS..... Within 48 Hours

ADVANTAGES: (1). Interior / Exterior Use
(2). Semi-Gloss Finish
(3). Meets MIL-E-16663A
(4). Full Color Range, 595 Colors
(5). Fast Production Time.

USES: (1). Steel
(2). Machinery
(3). Tanks
(4). Wood
(5). Equipment
(6). Towers



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APPLICATION & REDUCTION:

Intrepid's MIL-E-16663A Enamels can be applied by conventional or airless spray application. For spraying, thin up to 10% or as needed with Xylene. For brushing, use as is or with minimum thinning. Type II should be thinned with Griggs T0123 Griggs Baking Enamel Reducer at 40%-45% by volume for spray application. Spray one tack coat followed by one full wet coat. For Type II, allow part to air dry for 30-45 minutes at room temperature. Pre-heat oven to 250-300 Degrees Fahrenheit, place part in oven and bake for 30-45 minutes.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application. Prime per specification instructions.

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:

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.