



TECHNICAL DATA SHEET

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MIL-PRF-22750G HI-SOLIDS
CLASS W - WATERBASED
EPOXY COATING
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PRODUCT DESCRIPTION: A two-component, hi-solids, waterbased epoxy coating for spray and brush applications, furnished in a packaged kit and suitable for use under air pollution regulations. Formulated for the protection against solvents and chemicals on interior and exterior surfaces. It is low "VOC" and lead/chromate free. Available in Type II - Low VOC (High Solids) and VOHAPS free; and Type III - Low VOC (High Solids), VOHAPS free, and DTM (Corrosion Inhibiting).

TYPICAL PROPERTIES:

- (1). **COLORS**..... All Fed-Std-595 Colors
- (2). **SHELF LIFE**..... 1 Year From Date of Mfg
- (3). **DRYING TIME:**
 - Set-To-Touch..... Within 1 Hour
 - Dry Hard..... Within 7 Hours
- (4). **Thinner**..... DI Water
- (5). **Gloss Values:**
 - Gloss..... 90 minimum
 - Semi-Gloss..... 15 - 30
 - Camouflage..... 5 maximum
- (6). **VISCOSITY:** (after thinning)
 - #4 Ford Cup..... Max 50 seconds (admixed material)
- (7). **VOLATILE ORGANIC COMPOUNDS:**
 - Max "VOC"..... 340 grams/liter (2.8 pounds/gallon)

APPLICATION AND REDUCTION:

Each of the two components should be thoroughly mixed separately. Shake Component A on a mechanical shaker for 10-15 minutes so that all pigments are dispersed. Component B is then slowly poured into Component A with constant stirring until a four-to-one (4:1) ratio by volume is achieved. Reduce the admixed material up to ¾ gallon per 1.25 gallon kit with DI water to achieve desired flow for proper atomization. Mix



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thoroughly and allow to stand one hour before using. Apply a mist coat and allow to dry 30 minutes. Apply a second coat to a total dry film thickness of 1.4 to 1.8 mils. It is normally applied over MIL-PRF-23377 primer.