



TECHNICAL DATA SHEET

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MIL-C-22750F EPOXY
HI-SOLIDS COATING

PRODUCT DESCRIPTION:

A two-component, high solids, 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.

TYPICAL PROPERTIES:

- (1). **COLORS**..... Clear & All Fed.Std 595 Colors
- (2). **SHELF LIFE**..... 1 Year From Date of Mfg
- (3). **DRYING TIME:**
Set-To-Touch: Within 4 Hours
Dry Hard: Within 8 Hours
- (4). **Thinner**..... MIL-T-81772B Ty.II
- (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: (SPRAYING)

Each of the two components should be thoroughly mixed separately . Component B is then slowly poured into Component A with constant stirring until a three parts Component A -to- one part Component B mixing ratio by volume is achieved. Reduce the admixed material approximately up to 1 pint per gallon with MIL-T-81772B TY.II Thinner to achieve a viscosity of approximately 16-18 seconds in a #4 Ford Cup or as needed for proper atomization. Mix 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-P-23377G. Refer to MIL-C-22751 for additional data.