



## Technical Data Sheet

### MIL-PRF-22750F HI-SOLIDS LOW VOC EPOXY COATING

**PRODUCT:** A two-component, hi-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.

#### PROPERTIES:

**COLORS**..... All Fed. Std. 595 Colors

**SHELF LIFE**..... 1 Year from Date of Mfg.

#### **DRYING TIME:**

Set-To-Touch..... Within 1 Hour

Dry Hard..... Within 7 Hours

**Thinner**..... MIL-T-81772B Ty. II

#### **Gloss Values:**

Gloss..... 90 minimum

Semi-Gloss..... 15 - 30

Camouflage..... 5 maximum

#### **VISCOSITY:** (after thinning)

#4 Ford Cup..... Max 50 seconds (admixed material)

#### **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-to-one ratio by volume is achieved. Reduce the admixed material approximately one pint per gallon with MIL-T-81772B TY. II Thinner to achieve a viscosity of 16-18 seconds in a #4 Ford Cup or 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-PRF-23377G.

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**SURFACE PREPARTAION:** Surface must be completely clean, structurally sound, and free of all contaminants (including dirt, wax, loose paint, grease, etc.). Greasy or oily surfaces must be cleaned with solvent with care. Do not paint over moist / wet surfaces.

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN.  
USE WITH ADEQUATE VENTILATION.  
AVOID CONTACT WITH SKIN AND EYES.  
READ MATERIAL SAFETY DATA SHEET BEFORE USING.  
CONTENTS ARE FLAMMABLE.

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