



# TECHNICAL DATA SHEET

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MIL-PRF-22750G HI-SOLIDS  
LOW VOC EPOXY COATING**

**PRODUCT DESCRIPTION:** 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. Available in Type I - Low VOC (High Solids); 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**..... 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:** 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.