



# TECHNICAL DATA SHEET

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MIL-PRF-23377J TY.I or TY.II,CL.N  
EPOXY POLYAMIDE PRIMER

**PRODUCT DESCRIPTION:**

A two-component, low VOC, corrosion-inhibitive, high build, non-chromate type epoxy primer for spray and brush applications. Suitable for use as a primer for aliphatic polyurethane topcoats. Furnished in a packaged two-gallon kit at a 1:1 by volume mix ratio, and suitable for use under air pollution regulations. Formulated for the protection against solvents and chemicals on interior and exterior surfaces.

**TYPICAL PROPERTIES:**

- (1). **COLORS**.....TY.I YELLOW or TY.II DK.GREEN OR GRAY
- (2). **SHELF LIFE**..... 1 Year From Date of Mfg
- (3). **DRYING TIME:**
  - Tack-Free:           Within 5 Hours
  - Dry Hard:            Within 8 Hours
- (4). **POT LIFE:** ..... 4 hours
- (5). **Maximum VOC:**   340 g/l (2.8 lbs/gal)
- (6). **VISCOSITY:**       MAX: 40 SECONDS #4 FORD CUP

**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 mixing ratio of one part Component A to one part Component B is achieved. Mix thoroughly and allow to stand 30-45 minutes before using. Always add Component B to Component A, never the reverse. Thin with MIL-T-81772B TY.II if necessary. Apply a mist coat and allow to dry 30 minutes. Apply a second coat to a total dry film thickness of 0.6 to 0.9 mils. Brush and roll small areas only, as spraying is the recommended application method.