



# TECHNICAL DATA SHEET

TECHNICAL DATA SHEET  
MIL-DTL-24631A TY.I/F186  
WHITE EPOXY COATING

## PRODUCT DESCRIPTION:

A flexible two-component white epoxy paint per MIL-DTL-24631A Type I Formula 186. Suitable for camouflage use per Navy Formula 186. It is low VOC and lead/chromate free.

## TYPICAL PROPERTIES:

- (1) . **COLOR** . . . . . #17886 Gloss White
- (2) . **SHELF LIFE** . . . . . 1 Year From Date of Mfg
- (3) . **DRYING TIME:**  
(75 Degrees F - Surface Temperature)  
Set-To-Touch: . . . . . Within 8 Hours  
Dry Hard: . . . . . Within 24 Hours
- (4) . **Thinner** . . . . . MIL-T-81772B Ty.11
- (5) . **Gloss Values:** . . . . . Gloss: 100% Maximum @ 60 Degrees
- (6) . **Fineness of Grind:** . . . . . Minimum Hegman 5
- (7) . **VOLATILE ORGANIC COMPOUNDS:**  
**Mixed Components** . . . . . Max VOC: 1 340 grams/liter
- (8) . **VISCOSITY:** . . . . . MINIMUM: 60 KU

## 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 one-to-one ratio is achieved. Reduce the admixed material with MIL-T-81772B Type 11, per spray equipment specifications to achieve a viscosity for proper atomization and spraying. Mix thoroughly and allow to stand 30-45 minutes before using to allow for induction time of the two components. Pot life of admixed material is approximately 6-8 Hours a 75 Degrees Fahrenheit. Coating is normally applied over properly prepared steel surfaces that have been primed with MIL-P-24441/20 #I50 Green Epoxy Primer. Theoretical Coverage is 300 square feet per kit.