

PAINTS AND COATINGS **EU-100 Lightweight**
 PRODUCT / PROCEDURE DATA SHEET NO.

Date: 02-17-04

Rev. 0

I. GENERIC TYPE AND DESCRIPTION: Epoxy Underlayment
 Specification Number (If Applicable): MIL-PRF-3135

II. MANUFACTURERS DATA:

(a) MANUFACTURER: ITW American Safety Technologies	(b) PRODUCT DESIGNATION: EU-100 Lightweight
(c) COLOR(S): Clear Liquids	(d) USES: Leveling Decking Prior to CF-100 or Terrazzo
(e) TECHNICAL SERVICE REPRESENTATIVE: (Include Telephone No.): (800-631-7841 - Technical Dept.	(f) NOT RECOMMENDED FOR:

III. PROPERTIES:

(a) % VOL. SOLIDS (ASTM D2697): 100%	(b) FLASH POINT (ASTM D93): 240°F OR (ASTM D56):
(c) WT. PER GAL. (FTMS 141 _a 4184.1): A: 9.2 lbs./gal. B: 8.5 lbs./gal. C: 12.1 lbs./gal.	(d) SHELF LIFE: 1 Year
(e) VISCOSITY (FTMS 141 _a 4281): A: 500-700cps B: 500-700cps	(f) PACKAGING: A: one gallon B: quart
(g) NUMBER OF COMPONENTS: 3	(h) GLOSS (ASTM D523):
(i) STORAGE REQUIREMENTS:	TEMP. MIN. <u>50°F</u> MAX. <u>90°F</u>

SPECIAL SAFETY PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: WARNING! IRRITANT. Do not get in eyes. Avoid contact with skin and clothing. Avoid inhalation vapor or mist. Use with adequate ventilation. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing and wash before use.

OTHER PRECAUTIONS: Avoid extreme heat. Keep away from flame. Do not exceed 110°F in storage area.

IV. SURFACE PREPARATION MINIMUM REQUIREMENTS (USE SPECIFIC STANDARD NUMBER(S):

(a) INITIAL -	
(b) TOUCH-UP -	
(c) PROFILE (INCLUDE METHOD USED) - MIN. _____	MAX.
(d) SPECIAL INSTRUCTIONS -	
(e) PRIMER REQUIREMENTS (IF APPLICABLE):	

V. MIXING PROCEDURE:

- (a) LIQUIDS MIXING RATIO BY WEIGHT - 3.7:1
 BY VOLUME - 3.4:1
- (b) INDUCTION TIME - None
- (c) RECOMMENDED SOLVENT - THINNING - None
 CONFINED AREAS - N/A
 NON CONFINED AREAS - N/A
 CLEAN UP - 1) Propylene Glycol Ether
 2) Aromatic Naphtha
 3) N-Methyl Amyl Ketone (MAK)
- (d) THINNING REQUIREMENTS (RATIO) - N/A
- (e) POT LIFE - $\frac{0.3}{1}{2}$ Hrs @ $\frac{90}{70}{50}$ °F ($\frac{\quad}{\quad}{\quad}$ °C)
- (f) SPECIAL INSTRUCTIONS -

VI. APPLICATION:

- (a) ENVIRONMENTAL LIMITATIONS:
 TEMP. MIN. 50°F MAX. 90°F
 % RELATIVE HUMIDITY MIN. 0% MAX. 85%
- (b) FILM THICKNESS (SSPC PA2-73T) WET MIN. 1/8 inches WET MAX. 1/4 inches
 DRY MIN. DRY MAX.
- (c) DRY TIMES (ASTM D1650) - RECOAT
 MIN. 4 Hrs @ 90°F (°C) @ % R.H.
 MIN. 6 Hrs @ 70°F (°C) @ % R.H.
 MIN. 12 Hrs @ 50°F (°C) @ % R.H.
 MAX. Hrs @ °F (°C)
- TO HANDLE
 MIN. 8 Hrs @ 90°F (°C) @ % R.H.
 MIN. 12 Hrs @ 70°F (°C) @ % R.H.
 MIN. 36 Hrs @ 50°F (°C) @ % R.H.
- FOR IMMERSION
 MIN. Hrs @ °F (°C) @ % R.H.
 MIN. Hrs @ °F (°C) @ % R.H.
 MIN. Hrs @ °F (°C) @ % R.H.
 MAX. Hrs @ °F (°C)
- (d) EQUIPMENT REQUIREMENTS (INCLUDE PREFERRED, SUITABLE AND NOT SUITABLE REQUIREMENTS).
- (e) SPECIAL INSTRUCTIONS -

* CAUTION SHOULD BE TAKEN THAT SURFACE TEMPERATURE IS AT LEAST 5°F ABOVE DEW POINT.