ASTM F 718



SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

SC-100

CONTINUATION SHEET USED: □ YES ⊠ NO Date: 30 September 2013

	I. GENERIC TYPE AND DESCRIPTION: Clear Epoxy Sealer Specification Number: MIL-PRF-24613						
II. MAI	NUFACTURERS DATA:						
(a)	MANUFACTURER: ITW Polymers Sealants North America, 111 S Nursery Road, Irving, TX 75060						
(b)	PRODUCT DESIGNATION: American Safety Technologies SC-100						
(c)	COLOR(S): Clear						
(d)	USES: Sealer for Terrazzo and Seamless Polymeric Decking products						
(e)) TECHNICAL SERVICE REPRESENTATIVE (Include Telephone Number): 800-878-7876, Fax: 972-554-3939, Email: <u>orders1@itwsealants.com</u> , web site: <u>www.itwast.com</u>						
(f)	NOT RECOMMENDED FOR: N/A						
	OPERTIES:						
(a)	% VOLUME SOLIDS (ASTM D 2697): 100%						
(b)) % WEIGHT SOLIDS (ASTM D 1475): 100%						
(c)) FLASH POINT (ASTM D56): > 240°F (115°C)						
(d)	I) WEIGHT PER VOLUME (FTMS 141a4184.1): A: 9.6 lbs/gal B: 8.3-8.7 lbs/gal						
(e)) % EDGE RETENTION: N/A						
(f)	SHELF LIFE: 1 Year						
(g)) VISCOSITY (FTMS 141a 4281): COMPONENT A: 500-2500 cps COMPONENT B: 500-600 cps						
(h)							
(i)	NUMBER OF COMPONENTS: 2						
(j)	GLOSS (ASTM D 523): N/A						
(k)	STORAGE REQUIREMENTS: TEMP. MIN. <u>50°F</u> MAX. <u>90°F</u>						
(I)	SPECIAL PROPERTIES: N/A						
	RFACE PREPARTION MINIMUM REQUIREMENTS (USE SPECIFIC STANDARD NUMBERS): Refer to NAVSEA Standard Item 009-32.						
SPECIAL SAFETY PRECAUTIONS:							
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: WARNING! IRRITANT, Read MSDS before use. Do not get in							
eye	s. 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.						
V. MIXING PROCEDURES: (Improperly mixed material will not cure properly)							
(a) MIXING RATIOS BY WEIGHT: 1.69:1 BY VOLUME: 1.55:1							

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(b)	INDUCTION TIME: N/A								
(c)) RECOMMENDED SOLVENT – THINNING: None CONFINED AREAS: N/A NON-CONFINED AREAS: N/A CLEAN UP: Isopropyl Alcohol/Aromatic Naptha/ N-Methyl Amyl Ketone (MAK)/S-426 Solvent								
(d)	THINNING REQUIRMENTS (RATIO): None								
(e)	POT LIFE:		<u>0.3 </u> Hr(s) @ <u>0.5 </u> Hr(s) @ <u>1 </u> Hr(s) @	<u>5</u> Hr(s) @ <u>70</u> °F (21°C)					
(f)	SPECIAL INSTRU	JCTIONS:							
VI. AP	PLICATION:								
(a)	ENVIRONMENTAL LIMITATIONS: TEMPERATURE: MIN. <u>50°F</u> MAX. <u>90°F</u> MAXIMUM PERCENT RELATIVE HUMIDITY: <u>Refer to NAVSEA Standard Item 009-32</u>								
(b)	FILM THICKNESS (SSPC PA2-73T) -			PER COAT: WET MIN: <u>2 mils</u> DRY MIN. <u>N/A</u>			/ET MAX: <u>16 mils</u> RY MAX: <u>N/A</u>		
(c)	DRY TIMES (AST Temperature Min @ 50% R.H Dry to Handle Min @ 50% R.H	M D 1650):Rec 50°F (10°C) 18 hrs 36 hrs	coat 75°F (21. 1 8 hrs 16 hrs	I°C)	90°F (32.2°C) 4 hrs 8 hrs				
(d)	EQUIPMENT REQUIREMENTS (INCLUDE PREFERRED, SUITABLE, NOT SUITABLE REQUIREMENTS):								
(e)	SPECIAL INSTRUCTIONS: Chip coverage less than 60% may require higher millage per coat, 10-30 mils per coat.								
	NOTE: Is formulated to be applied within parameters listed on this document. MIL-PRF-24613 QPL applications may adjust the environmental and application procedures recommended by this ASTM F-718.								
gui		d on experien	ce and kno	wledg	ge. However, as a	a manuf	npiled for the applicator's assistance and acturer, we have no control over the use to d or given.		