

ASTM F 718

SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

CONTINUATION SHEET USED: YES NO

Date: 08/10/2010 Rev.: 010-02

I. GENERIC TYPE AND DESCRIPTION: **VLW LIGHT WEIGHT UNDERLAYMENT RESINS & AGGREGATES Unit 1**

Specification Number, Type, Class and/or Grade (If Applicable): **MIL-PRF-3135 TYPE I CLASS 2**
MIL-PRF-3135 TYPE II CLASS 2
MIL-PRF-3135 TYPE III CLASS 1

II. MANUFACTURERS DATA:

- (a) MANUFACTURER: **CROSSFIELD PRODUCT CORP.**
DEX-O-TEX MARINE PRODUCT LINE
- (b) PRODUCT DESIGNATION: **0592-1GCA – A Component**
0593-1QCB – B Component
0594-17 - VLW Aggregates
- (c) COLOR(S): **Clear, straw to light amber color**
- (d) USES: **Under Polymeric Deck Covering Materials**
- (e) TECHNICAL SERVICE REPRESENTATIVE
 (Include Telephone Nos.): **STEVEN SCHROEDER 310-886-9100 (www.dexotexmarine.com)**
- (f) NOT RECOMMENDED FOR: **Exterior Applications**

III. PROPERTIES:

- (a) % VOLUME SOLIDS (ASTM D 2697): **100% Solid ± 0.05%**
- (b) % WEIGHT SOLIDS (ASTM D 1475): **100% Solid ± 0.05%**
- (c) FLASH POINT (ASTM TEST METHOD D 93 OR D 56 OR D 3278): **>93°C (>200°F)**
- (d) WEIGHT PER VOLUME: (FTMS 141a4184.1): **0.84 lbs./ft³ at ¼"**
- (e) % EDGE RETENTION (IF REQUIRED BY APPLICABLE SPECIFICATION): **N/A**
- (f) SHELF LIFE: **One year from date of manufacturer**
- (g) VISCOSITY (STATE TEST METHOD TO BE USED: ASTM D445): COMPONENT A: **1000 cps.**
 COMPONENT B: **250 cps.**
 COMPONENT C: (Aggregate): **N/A**
 MIXED: **100,000 cps.**
- (h) PACKAGING: **A Component - 1 gallon can**
B Component -1 quart can
VLW Aggregates – 17 lb bag
- (i) NUMBER OF COMPONENTS: **Three (3)**
- j) GLOSS (ASTM D 523): (NOTE: This is to be a percentage, not "Gloss," "Semi-gloss," etc.) – **N/A**
- (k) STORAGE REQUIREMENTS: TEMP. MIN.: **65°F** MAX.: **80°F**
 ADDITIONAL PAINT STORAGE REQUIREMENTS: **Store in cool, dry place and away from direct sunlight**
- (l) VOLATILE ORGANIC COMPOUND (EPA TEST METHOD 24): **0 g/L**
- (m) WEIGHT OF DRY FILM (WEIGHT/FT² AT 1 MIL THICKNESS): **N/A**
- (n) SPECIAL PROPERTIES (e.g., STAIN RESISTANCE, LOW SOLAR ABSORBANCE, MOISTURE TOLERANCE): **Light Weight, Sound Dampening.**

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

Deck surfaces should be sandblasted or ground (or needle-gunned where steel is pitted), to remove all mill scale, rust, paint, etc., to gray steel or as specified. Surface should be dry and free of dust, oil or grease before VLW Lightweight Underlayment is installed over Dex-O-Tex Bondcoat.

Decks which have been cleaned and primed with Navy Formula 150 Primer, MIL-DTL-24441 or EURONAVY ES301K Primer, MIL-DTL-24441, should receive a coat of Dex-O-Tex Bondcoat before application of VLW Lightweight Underlayment

Refer to SSPC-SP 5 and SSPC-SP 11 as required.

- (a) INITIAL – **N/A**
- (b) TOUCH-UP - **N/A**
- (c) PROFILE (INCLUDE METHOD USED) – **N/A**
- (d) SPECIAL INSTRUCTIONS – **N/A**
- (e) PRIMER REQUIREMENTS (IF APPLICABLE): **N/A**
- (f) MAXIMUM ALLOWABLE CONDUCTIVITY (BRESLE PATCH METHOD): **Refer to NAVSEA Standard Item 009-32**
- (g) MAXIMUM DEGREE OF FLASH RUSTING ALLOWABLE (LIST COMMERCIAL STANDARD): **None**

SPECIAL SAFETY PRECAUTIONS:

Use good ventilation, avoid breathing vapors and use a fan to circulate fresh air.
Always obtain, read and observe Manufacturers Material Safety Data Sheet

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I. GENERIC TYPE AND DESCRIPTION: N/A
Specification Number (If Applicable): N/A

ADDITIONAL DATA/ INSTRUCTIONS: N/A

II. MANUFACTURERS DATA: N/A

ADD ADDITIONAL COMMENTS FROM PART II HERE: N/A

III. PROPERTIES: N/A

ADD ADDITIONAL COMMENTS FROM PART III HERE: N/A

IV. SURFACE PREPARATION MINIMUM REQUIREMENTS (USE SPECIFIC STANDARD NUMBERS): N/A

ADD ADDITIONAL COMMENTS FROM PART IV HERE: N/A

V. MIXING PROCEDURES: N/A

ADD ADDITIONAL COMMENTS FROM PART V HERE: N/A

VI. APPLICATION REQUIREMENTS: N/A

ADD ADDITIONAL COMMENTS FROM PART VI HERE: N/A