

ASTM F 718

SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

CONTINUATION SHEET USED: YES NO

Date: 08/11/2010 Rev.010-02

I. GENERIC TYPE AND DESCRIPTION: **COLORFLAKE M BASECOAT RESINS**

Specification Number, Type, Class and/or Grade (If Applicable): **MIL-PRF-24613 TYPE I CLASS 1, 2 & 3**

II. MANUFACTURERS DATA:

- (a) MANUFACTURER: **CROSSFIELD PRODUCT CORP.
DEX-O-TEX MARINE PRODUCT LINE**
- (b) PRODUCT DESIGNATION: **0441 - Component A
0442 - Component B**
- (c) COLOR(S): **Assorted Colors**
- (d) USES: **Pigmented Basecoat**
- (e) TECHNICAL SERVICE REPRESENTATIVE
(Include Telephone Nos.): **STEVEN SCHROEDER 310-886-9100 (www.marinedextex.com)**
- (f) NOT RECOMMENDED FOR: **N/A**

III. PROPERTIES:

- (a) % VOLUME SOLIDS (ASTM D 2697): **> 99%**
- (b) % WEIGHT SOLIDS (ASTM D 1475): **>99%**
- (c): FLASH POINT (ASTM TEST METHOD D 93 OR D 56 OR D 3278): **> 212°F (> 100°C)**
- (d): WEIGHT PER VOLUME: (FTMS 141a4184.1): **N/A**
- (e) % EDGE RETENTION (IF REQUIRED BY APPLICABLE SPECIFICATION): **N/A**
- (f): SHELF LIFE: **One year from date of manufacture**
- (g) VISCOSITY (STATE TEST METHOD TO BE USED: ASTM D445): COMPONENT A: **> 1000 cps.**
 COMPONENT B: **> 100 cps**
 MIXED: **500 cps.**
- (h) PACKAGING: **0441 – Component A – 1 gallon
0442 – Component B – 1 quart**
- (i): NUMBER OF COMPONENTS: **Two (2)**
- (j) GLOSS (ASTM D 523): **> 70° (a measured by a 60 degree glossmeter)**
- (k) STORAGE REQUIREMENTS: TEMP. MIN. **65°F** MAX. **80°F**
 ADDITIONAL PAINT STORAGE REQUIREMENTS: **Dry Area, No in direct sunlight**
- (l) VOLATILE ORGANIC COMPOUND (EPA TEST METHOD 24): **3-5 g/L mixed components**
- (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): **None**

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

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt. Grease and oil should be removed with approved solvents and clean rags. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. Dex-O-Tex Colorflake M may be applied to a cured Navy Formula 150 Primer, MIL-P-2441. Consult Crossfield Products Corp. when wood or other deck surfaces are involved. It is permissible to apply a "first" or "primer" coat of Colorflake M Basecoat to the cured Terrazzo M Underlayment in lieu of the Terrazzo M Grout coat.

- (a) INITIAL – Metal deck surfaces should be cleaned free of rust, loose scale and dirt. Grease and oil should be removed with approved solvents and clean rags. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials can be applied.
- (b) TOUCH-UP – **N/A**
- (c) PROFILE (INCLUDE METHOD USED) – **N/A**
- (d) SPECIAL INSTRUCTIONS - **None**
- (e) PRIMER REQUIREMENTS (IF APPLICABLE): **It is permissible to apply a first or primer coat of Colorflake M Basecoat**
- (f) MAXIMUM ALLOWABLE CONDUCTIVITY (BRESLE PATCH METHOD): **Refer to NAVSEA Standard Item 009-32**
- (g) MAXIMUM DEGREE OF FLASH RUSTING ALLOWABLE (LIST COMMERCIAL STANDARD): **N/A**

SPECIAL SAFETY PRECAUTIONS:

Mix and apply polymeric resin materials only in conditions of good ventilation. Avoid breathing vapors. A fan to circulate fresh air may be needed.

ASTM F 718 CONTINUATION SHEET FOR

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Date 8/11/2011 Rev. 010-02

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