

International Paint, LLC

INTERFINE 979SG POLYSILOXANE COSMETIC COAT

PRODUCT DESIGNATIONS

Part A: SYA200 HAZE GREY

Part B: SYA056 Curing Agent

MIL-PRF-24635

If this product is to be applied as part of a coating system, all components of the system must be as listed on the QPL.

This NAVSEA-REVIEWED ASTM F-718 data sheet is the only data sheet approved for use when utilizing this coating for U.S. Navy preservation projects. NAVSEA's review covers only the application process for the material. The review does not denote the material as a qualified product, nor does it constitute an approval for purchase/procurement of the material. For products on the Qualified Products List (QPL) for this MILSPEC, please refer to <http://qpldocs.dla.mil/search/default.aspx>.

Questions regarding modifications or updates of this ASTM F-718 shall be directed toward:

NSWCPD

NSWCPD_ASTM_F718.fct@navy.mil

ASTM F 718

SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

CONTINUATION SHEET USED: ☐ YES ☐ NO

Date: 11/2017

Rev. C4

<p>I. GENERIC TYPE AND DESCRIPTION: INTERFINE 979SG POLYSILOXANE COSMETIC COAT Specification Number: MIL- PRF-24635</p>
<p>II. MANUFACTURERS DATA:</p> <p>(a) MANUFACTURER: International Paint LLC, 6001 Antoine Drive, Houston, TX 77091</p> <p>(b) PRODUCT DESIGNATION: Part A: SYA200 HAZE GREY; Part B: SYA056 Curing Agent</p> <p>(c) COLOR(S): Haze Grey, Dark (Deck) Grey, Black, White</p> <p>(d) USES: Cosmetic Finish For Above Waterline</p> <p>(e) TECHNICAL SERVICE REPRESENTATIVE (Include Telephone Numbers): 1-800-525-6824 (or contact your local International Paint representative)</p> <p>(f) NOT INTENDED FOR USE IN: Immersion Service</p>
<p>III. PROPERTIES:</p> <p>(a) PERCENT VOLUME SOLIDS (ASTM D2697): 76±2 %</p> <p>(b) PERCENT WEIGHT SOLIDS (ASTM D2369): 87±2 %</p> <p>(c) FLASH POINT (ASTM D3278): Part A: 98 °F; Part B, 131 °F; MIXED: 100 °F</p> <p>(d) WEIGHT PER VOLUME (ASTM D1475): 11.04 ± 0.5 lbs/gal Mixed</p> <p>(e) PERCENT EDGE RETENTION (IF REQUIRED BY APPLICABLE SPECIFICATION – LIST TEST METHOD USED): N/A</p> <p>(f) SHELF LIFE: PART A: 12 months, PART B 12 months</p> <p>(g) VISCOSITY (ASTM D2196, Method A): PART A: 2 – 9 POISE ASTM D 4287 PART B: <15 seconds #4 Ford Cup ASTM D 1200 MIXED: 2-6 POISE ASTM D 4287</p> <p>(h) PACKAGING: Part A: 4 gal in 5 gal container, Part B: 1 gallon in a 1 gallon container</p> <p>(i) NUMBER OF COMPONENTS: 2</p> <p>(j) GLOSS (ASTM D523): 45-60 % @ 60 degrees</p> <p>(k) STORAGE REQUIREMENTS: TEMPERATURE 50 °F MIN. 95 °F MAX. ADDITIONAL PAINT STORAGE REQUIREMENTS: Refer to NAVSEA Standard Item 009-32</p> <p>(l) VOLATILE ORGANIC COMPOUNDS (VOCS- EPA TEST METHOD 24): 218 g/L, 1.82 lbs/gal</p> <p>(m) WEIGHT PER AREA OF DRY FILM AT 1 MIL THICKNESS: 0.00780 lb/sq ft</p> <p>(n) SPECIAL PROPERTIES: Low Solar Absorbing.</p>

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IV. SURFACE PREPARATION MINIMUM REQUIREMENTS:

- (a) INITIAL: Apply over approved International Paint Primer. Please refer to primer ASTM F718s for compatibility.
- (b) TOUCH-UP: Ensure the area is clean and dry. Power Tool Clean to a minimum of SSPC-SP 3
- (c) PROFILE (INCLUDE METHOD USED): MIN. N/A MAX. N/A
- (d) SPECIAL INSTRUCTIONS: Refer to NAVSEA Standard Item 009-32 guidelines.
- (e) PRIMER REQUIREMENTS: Apply over properly prepared Intergard 264, Intergard 264LT or Intershield 300HS. Other primers may be approved. Please refer to primer ASTM F718s for compatibility. Please refer to the Intergard 264 ASTM F718 for curing agent selection and overcoating intervals. As per NSI 009-32, Interfine 979SG can be applied to properly prepared aluminum.
- (f) MAXIMUM ALLOWABLE CONDUCTIVITY (INCLUDE METHOD USED): Please refer to NAVSEA Standard item 009-32
- (g) MAXIMUM DEGREE OF FLASH RUSTING ALLOWED: N/A

SPECIAL SAFETY PRECAUTIONS:

PLEASE REFER TO MATERIAL SAFETY DATA SHEET

V. MIXING PROCEDURES:

- (a) MIXING RATIOS BY WEIGHT: N/A
BY VOLUME: 4:1(A:B)
- (b) INDUCTION TIME: N/A
- (c) RECOMMENDED CLEANING SOLVENT (NO THINNING ALLOWED): GTA007
- (d) POT LIFE:
 - 1.5 Hrs @ 95°F
 - 2 Hrs @ 77°F
 - 3 Hrs @ 50°F
 - 3.5 Hrs @ 41 F
- (e) SPECIAL INSTRUCTIONS: Agitate Base Part A with power mixer. Combine entire contents of curing agents Part B into Part A. Mix thoroughly before use.

VI. APPLICATION:

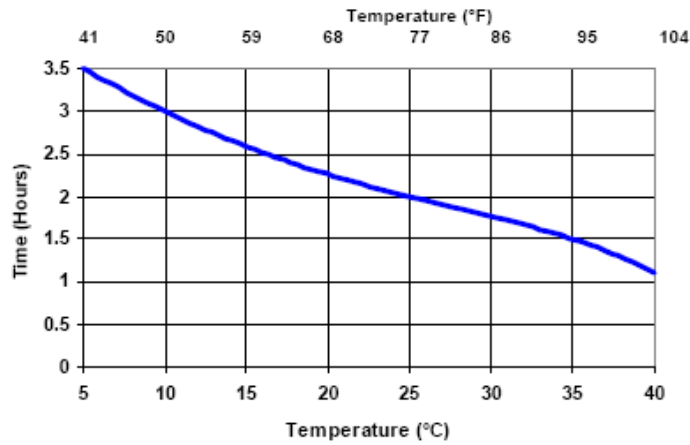
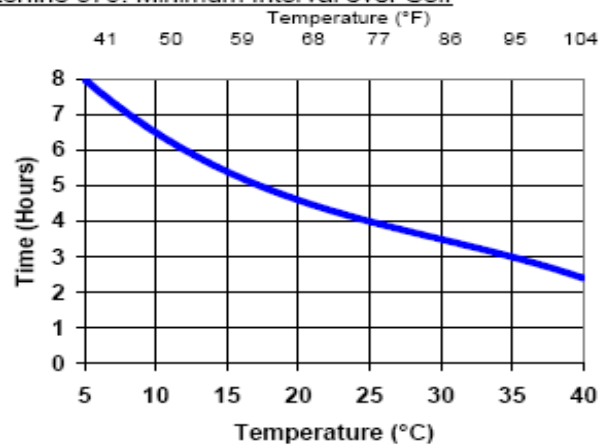
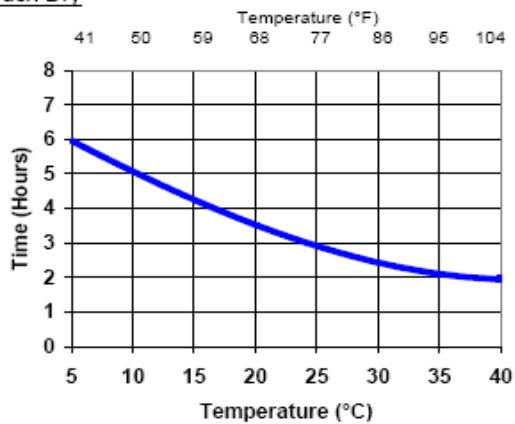
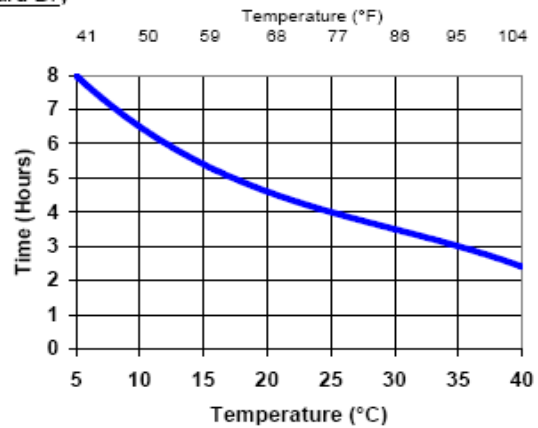
- (a) ENVIRONMENTAL LIMITATIONS:
 - SUBSTRATE TEMPERATURE: 50 °F MIN. 105 °F MAX.
 - AMBIENT TEMPERATURE: 41 °F MIN. 95 °F MAX.
 - MINIMUM SUBSTRATE TEMPERATURE DIFFERENCE ABOVE THE DEW POINT: 5 °F
 - MAXIMUM PERCENT RELATIVE HUMIDITY: 45-85 %
- (b) FILM THICKNESS (SSPC PA2-73T) - PER COAT:
 - WET MIN. 5.3 mils WET MAX. 7.9 mils
 - DRY MIN. 4 mils DRY MAX. 6 mils
 - TOTAL SYSTEM: Total system film thickness depends on the specific application. Refer to NAVSEA STD Item 009-32 for Specific applications
- (c) DRY TIMES (ASTM D1640): See below Graphs

The below values are applicable for humidity's between 40% and 85%. Values less than 40% will extend drying times.

CONTINUATION SHEET USED: ☐ YES ☐ NO

Date: 11/2017

Rev. C4

Interfine 979SG: Pot life**Interfine 979: Minimum Interval over Self****Touch Dry****Hard Dry**

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Rev. C4

(d) EQUIPMENT REQUIREMENTS: Airless Spray Preferred (15-21 Thou tip, min 2200psi) Conventional equipment (DeVilbiss McBor JGA, 7704 or 765 Aircap, E Tip). Suitable for brush and roll for small areas only.

(e) SPECIAL INSTRUCTIONS: NA

IF OVERCOAT WINDOW HAS BEEN EXCEEDED FOR CRITICAL APPLICATIONS: There is no max time limit to overcoat Interfine 979SG with self providing the surface to be overcoated is clean, dry, and free from contamination. If the overcoat window of Intergard 264 or Intershield 300HS is exceeded, please refer to the product ASTM's for procedures on how to proceed.

ADDITIONAL DATA/INSTRUCTIONS:

II. MANUFACTURERS DATA:

III. PROPERTIES:

IV. SURFACE PREPARATION MINIMUM REQUIREMENTS:

V. MIXING PROCEDURES:

VI. APPLICATION REQUIREMENTS: For crew use Interbond 998 can be topcoated with Interfine 979SG. Application of the Interfine 979SG over the 998 must occur between thumb print tacky and maximum 24 hours.

Dry times are normally a function of humidity, ventilation and temperature. Information given is to be used as a guideline only.

The technical data given herein has been compiled for your assistance and guidance. It is based upon our experience and knowledge. However, as we have no control over the use to which this information is put, no warranty, expressed or implied, is intended or given.