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Specialty Polymer
Coatings

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PRODUCT DATA SHEET

SP-5819

DESCRIPTION: Specialty Polymer Coatings, Inc.'s **SP-5819** is specially formulated moisture cured polymer for use as an adhesion promoter on cured epoxy surfaces in which the re-coat interval has been exceeded and abrasive blast cleaning is not an option. **SP-5819** is fast curing, enabling application of the topcoat in a short period of time.

USES:

- As a tie-coat on well-cured two-component coating in areas where abrasive blasting cannot be employed.
- Note: The tie-coat is well suited for most well cured two-component coatings. However, some products contain wax or silicone for mar resistance purposes and it is recommended that in these cases the tie-coat be applied on a small test patch to confirm the tie-coat's suitability.

APPLICATION METHOD:

- Conventional Airless Spray for applying a thin, semi-transparent coat.
- Brush for inaccessible or small areas and for repairs.
- Thinning: 5% (if necessary) by volume with SP-150 Polyurethane Thinner.

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* Guide Only: Amount of thinning affected by temperature conditions.

APPLICATION TEMPERATURE:

- Minimum: 0°C (32°F)
- Maximum: 45°C (113°F)

SURFACE PREPARATION The surface must be cleaned thoroughly of all contaminants. If over-coating is to be performed after a long interval, a very careful cleaning of the surface is necessary. A test patch is recommended to ensure the quality of cleaning is adequate.



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RECOMMENDED FILM THICKNESS:

- Dry: 0.75 to 1.5 mils (19-38 microns)
- Wet: 2.3 to 4.5 mils (58-113 microns)
- Caution: SP-5819 is a thin film tie-coat. Higher thickness may interfere with the inter-coat bond with the subsequent topcoat. The product is not intended to cover the old coating. A semi-transparent coat is sufficient.

RE-COAT INTERVAL:

- Maximum: 1 Hour.
- Only re-coat that area that can be completed within this time period. The ideal time for re-coating is when the preceding coat is still slightly tacky.

CLEANING MATERIALS:

- SP-100 Equipment Wash
- SP-110 Tool Cleaner

LIQUID PROPERTIES:

Appearance	Semi-transparent Red.
Volume Solids (%).....	33
Coverage (Theoretical)	537 ft. ² /U.S. Gallon/mil 0.33 m ² /litre/mm

SAFETY:

Read the Material Safety Data Sheets before use.

EFFECTIVE DATE:

October 24, 2016

SPC / Product Data Sheet SP-5819.doc

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