

### RiteSiloxane RPSX Series

#### Epoxy Polysiloxane

##### General Description

RiteSiloxane RPSX Series is a two component, epoxy polysiloxane designed for applications where excellent corrosion, chemical, moisture and UV resistance is required.

##### Benefits Includes:

- Single Coat High Build
- 100% solids, No VOC or HAPS
- Isocyanate Free
- Very Good Gloss & Color Retention
- Anti Graffiti
- Direct to Metal for Moderately Corrosive Areas

##### Typical Uses:

- Offshore & Marine
- Tanks & Piping
- Structural Steel & Bridges
- Heavy Equipment

##### Mixing and Thinning Instructions:

Mix 3 parts RPSX Series Part A by volume with 1 part RPSX Series Part B Hardener. If reducing or thinning is required, please contact your Ritek representative for instructions.

##### Directions for Use:

Surface must be clean, dry, sound and free of dirt, dust, grease, oils, residues, waxes, water, foreign particles, and any other contaminants that may interfere with coating adhesion and intimate contact with substrate. Steel surface preparation should meet SSPC-SP6/NACE 3. Metal surface must be 5 degrees above the dew point temperature. RPSX Series is designed to be applied by airless spray @ 2500-4500 psi with 0.017-0.021 tips, brushed or rolled. Pot life is 4 hours @ 75 degrees and significantly reduced at elevated temperatures. If reduced with thinner, pot life is extended

##### Clean up:

Clean all equipment immediately after use with MEK or other Ritek approved solvents. Use clean solvent only. In case of spill, absorb and dispose of in accordance with local, State, and/or Federal regulations.

##### Storage & Shelf Life:

Store indoors in original, tightly sealed container out of direct sunlight between 40°F (5°C) and 100°F (38°C), 0% to 90% relative humidity.

##### Typical Mixed Properties

Color	Various
Type	Epoxy Siloxane
Viscosity (25°C)	75-85 KU's
Specific Gravity (25°C)	1.25-1.35
Density (25°C)	10.0-10.5 lbs/gal
% Solids (by Volume)	<98%
VOC	1.50 lbs/gal
Flash Point	<200°F
Gloss	>90°
Recommended DFT	3-5 mils (75-125 um)
Maximum DFT	8 mils (300 um)
Coverage	1604 ft <sup>2</sup> @ 1.0 mil
Dry @ 75 degrees F	2-3 hrs touch 4-6 hrs handle
Recoat @ 75°F	6 hrs min, 7 day max,
Pot life @ 75°F	4hrs
Ratio	3:1

*Typical properties given do not constitute a supply specification.*

##### Packaging

RPSX Series is available in 1-gallon kits, 4-gallon kits and 55-gallon steel drums. For additional packaging options, please contact your local Ritek representative. Warranted shelf life is 12 months from date of manufacture (DOM) in original unopened and properly stored container.

##### Safety, Health and Environmental Info:

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

Avoid contact with skin and use good ventilation. Wear chemically resistant gloves (nitrile are recommended) and chemical safety glasses. If skin contact is made, wash immediately with soap and water. Do not use solvents to clean skin.

FOR PROFESSIONAL USE ONLY  
NOT FOR RESIDENTIAL USE  
KEEP OUT OF REACH OF CHILDREN

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