SILOTHANE RESTORE

SILOTHANE SERIES S-4200

PRODUCT DATA SHEET

PRODUCT OVERVIEW	BENEFITS
Silothane Restore is a 2K clear coat silane system designed for restoration and protection of aged and oxidized painted substrates.	Painted substrates: Silothane Restore offers color restoration and UV protection to oxidized paints.
FEATURES	**SURFACE PREPARATION**
• Excellent hardness • Excellent mar resistance • Excellent abrasion resistance • Excellent UV protection • High heat tolerance (1,000°F) • Good water resistance	General Purpose Cleaning/Degreasing: Use a mild detergent and a clean cloth, scrubbing brush, spray bottle, pump-up sprayer or pressure washer to clean the substrate and thoroughly rinse the surface to remove any residue prior to coating. If cleaning/coating a vertical surface, work from the top of the substrate down. The substrate must be completely dry prior to Silothane Restore application.
FINISH	**COATING PREPARATION**
Available in: • Gloss (3 Parts A : 1 Part B) • Semi-Gloss (1 Part A : 3 Parts B)	*The mixing instructions for Silothane Restore must be followed precisely for optimum performance. Refer to the SDS for proper chemical handling.* *Mix Parts A and B in a clean glass, metal, or HDPE container.* *Gloss: 3 Parts A to 1 Part B. Semi-Gloss: 1 Part A to 3 Parts B* 1. Combine Parts A and B. Product will become yellow/green and opaque 2. Mix product for 3 to 5 minutes to ensure components are thoroughly combined. For smaller batches (≤32oz), this is possible by hand shaking the capped container. Larger batches can be mixed with a stir stick, variable speed drill or drill press with a mixing paddle attachment. 3. Allow the product to react uncapped until it returns to a clear, colorless state. This will take approximately 30 minutes for semi-gloss and up to 2 hours for gloss. If settling or separation of components occurs during the reaction process, repeat mixing. Note: During the mixing process, the combined products may generate a slight exothermic reaction and the sides of the container may feel warm to the touch.
SPREAD RATE	
Recommended Coverage: 1,000 - 2,500 sq.ft. per gallon	
SUBSTRATES	**APPLICATION METHODS**
• Previously coated surfaces • Oxidized paint	After Part A and Part B are adequately mixed and the reaction has been completed, the coating can be applied to the prepared substrate. For all substrates, Silothane Restore can be sprayed, brushed or rolled. Apply by spraying, brushing with a high quality brush, wiping with a paint pad, or dipping. The amount of coverage per gallon is dependent upon the substrate, the applicator and the equipment used.

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SPECIFICATIONS

Binder Type: Polysiloxane

Gloss:
- Volume Solids: 71 ± 4%
- Weight Solids: 71 ± 4%

Semi-Gloss:
- Volume Solids: 24 ± 4%
- Weight Solids: 24 ± 4%

Part A:
- Weight per gallon: 8.3 lb
- Flash point: 73°F/23°C

Part B:
- Weight per gallon: 8.1 lb
- Flash point: > 150°F/66°C

Shelf Life: 12 months, unopened

Pot Life: 24 hours* temperature dependent

PERFORMANCE DATA

Recommended DFT is 0.1-0.2 mil unless otherwise stated

Salt Spray: Excellent
- 4,000hr with no visible effects

Solvent Resistance: Good
- 50+ double rubs
- • MEK
- • Xylene
- • Acetone

Pencil Hardness: Up to 4H

DRY TIMES

Silothane Restore can be air dried or force cured.

Cure Conditions:	75°F/24°C @ 50% RH
Recoat:	< 1 hour
Dust-Free:	30 minutes
Dry to Handle:	1 - 2 hours
Full Cure:	10 - 15 days

CLEAN-UP

While coating is wet, water may be used for cleaning. After the coating dries, solvents e.g. acetone, MEK) may be required for clean up.