



SL-4940 **RAPID TECH** 2K Acrylic Urethane Sealer

Starlites' SL-4940 RAPID TECH 2K Acrylic Urethane Sealer is a high quality sealer that provides excellent flow and leveling prior to any topcoat application. This sealer can be used over factory e-coat metal parts as well as properly prepared bare metal and can be used wet on wet for faster delivery times.

- Superior Flow and Leveling
- Great Adhesion to Bare Metal
- Wet on Wet Applications
- Excellent Color Holdout
- Faster Delivery Times

- Superior flow and leveling
- Excellent color holdout
- Great adhesion to bare metal
- Wet on wet application
- Easy sanding, no shrinkage

RECOMMENDED SUBSTRATES:

- All previously painted surfaces
- Body filler
- Properly prepared bare metal
- Most properly prepared automotive plastics

MIXING INSTRUCTIONS:

4 parts SL-4940 to 1 part SLA-2K Activator
For 2.1 VOC applications: 4 parts SL-4940 to 1 part SLA-2K2.1 Activator

APPLICATION INSTRUCTIONS:

SURFACE PREP - Bare Metal:

1. Wash with soap and water, dry thoroughly to remove contaminants that solvent-based cleaners remove effectively.
2. Wipe area with SL-9000 Wax and Grease Remover working no more than 2 sq. ft. area. Wipe dry with a separate clean cloth.
3. Sand area with 220-320 grit abrasive and re-clean with SL-8000 Pre-Paint Cleaner.
4. Treat bare metal with a high quality metal conditioning system and prime with SL-50 Epoxy Primer or SL-40 Self-Etch Primer. Note: Do not put Epoxy Primer over SL-40 Self-Etch Primer.
5. Apply 1 coat of SL-4940 sealer using 50-60 PSI at the gun; 6-10 PSI using HVLP. Allow no more than 30 minutes flash before top coating.

OEM Finishes/Properly Primed Surfaces:

1. Wipe area with SL-9000 Wax and Grease Remover working no more than 2 sq. ft. area. Wipe dry with a separate clean cloth.
2. Sand area with appropriate grit abrasive (600-800) before top coating and reclean with SL-8000 Pre-Paint Cleaner.

3. Apply 1 coat of SL-4940 sealer using 50-60 PSI at the gun; 6-10 PSI using HVLP. Allow no more than 30 minutes flash before top coating.

OEM Replacement Panels:

1. Wipe area with SL-9000 Wax and Grease Remover working no more than 2 sq. ft. area. Wipe dry with a separate clean cloth. For best results, area should be lightly sanded with 600-800 grit sandpaper or with a fine scuff pad. Re-clean with SL-8000 Pre-paint Cleaner.
2. Pot Life: Two hours. Note: By using one ounce per paint cup of SL-16S Accelrite Accelerator, buff time and delivery time can be substantially reduced. Accelerator should not be used when air temperature is above 80°F.

Note: SL-4940 sealers can be mixed together to achieve different shade to increase hiding on hard-to-cover colors. SL-4940C can be tinted up to 25% with basecoat toner.

SL-4940 may be used on most properly prepared automotive plastics. Should not be used on polyethylene, or polypropylene plastics. Note: When refinishing automotive plastic parts off the vehicle, use of flex additive is recommended, and parts should be installed within 48 hours. If plastic parts are on vehicle *no* flex additive is required.

CLEANING:

Use a good quality lacquer thinner to thoroughly clean all equipment. Do not leave catalyzed sealer in the gun longer than 2 hours. Clean equipment immediately when using SL-16S "Accelrite" Accelerator.

TECHNICAL DATA:

Color:	Gray, White, Black, and Clear
Flash Point :	<0° F TCC
Pot Life:	2 hours @ 75°F
Recommended Film Build:	1 mil DFT
Coverage 1 mil.:	550 sq. ft./gal
Gloss:	92 Plus
Mix Ratio:	4:1
Weight Solids:	27-55% Color Dependent RTS
Sprayable Viscosity:	15-18 sec. #2 Zahn
V.O.C.:	RTS 3.5 lbs./gal. with SLA-2K

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Material Safety Data Sheet

PRODUCT IDENTITY: SL-4940 2K Acrylic Urethane Sealer

Section I – Manufacturer Information

Manufacturer Name: Innovative Solutions Technologies, Inc.
Address: 41158 Koppernick Rd.
Canton, MI 48187
Emergency Telephone: 800 255-3924
Information Telephone: 734 335-6665

Section II-Hazardous Ingredients/Identity Information

NFPA RATINGS			
HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
2	3	0	G

Hazardous Components (Specific Chemical Identity, Common Name)	CAS#	OSHA PEL	ACGIH TLV	Wt. %
ACETONE	67-64-1	750 ppm	750 ppm	20/25
*XYLENE	1330-20-7	100 ppm	100 ppm	15/20
METHYL ETHYL KETONE	78-93-3	200 ppm	200 ppm	1/5
METHYL AMYL KETONE	110-43-0	100 ppm	50 ppm	1/5
METHYL ISOBUTYL KETONE	108-10-1	100ppm	50 ppm	1/5
LIGHT AROMATIC NAPHTHA	64742-95-6	100 ppm	100ppm	5/10
HEXYL ACETATE	88230-35-7	Not est.	Not est.	<1
ETHYL-3-ETHOXY PROPINATE	763-69-9	Not est.	Not est.	<1
2-(2-BUTOXYETHOXY) ETHYL ACETATE	124-17-4	Not est.	Not est.	<1

* SARA 313 listed chemical

DOT SHIPPING: FLAMMABLE LIQUID; PAINT RELATED MATERIAL UN 1263

Section III-Physical/Chemical Characteristics

Boiling Point: 174°F
Specific Gravity (H₂O = 1): 1.0
Vapor Pressure (mmHg @ 70°F): 85 mmHg
Vapor Density (Air = 1): Heavier than Air
Evaporation Rate (butyl acetate = 1): >1
Appearance and Odor: Water white liquid, solvent odor
V.O.C.: 5.00 #/gal.
V.O.C.: less exempt solvents: RTS 3.42 #/gal.

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used): <0°F (TCC) Flammable Limits: LEL 1.0 UEL 10.5
Extinguishing Media: Class B extinguisher, Carbon Dioxide, Dry Chemical, Foam Special Fire Fighting Procedures:

Water spray can be used to cool containers exposed to fire. Clear area of unprotected personnel. Fire fighters are to wear self-contained breathing apparatus and proper protection gear. Keep containers closed tightly. Isolate from heat, sparks, and open flames.

Unusual Fire and Explosion Hazards:

Closed containers may explode when exposed to extreme heat.

Section V- Reactivity Data

Stability – Unstable; Conditions to Avoid: Sources of ignition

Stable: Yes

Incompatibility (Materials to Avoid): Strong Oxidizers

Hazardous Decomposition products: Carbon monoxide, Carbon dioxide, and Oxides of nitrogen

Hazardous Polymerization: Will not occur
Section VI- Health Hazard Data

Routes of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes
Health Hazards (Acute and Chronic)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long-term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Signs and Symptoms of Exposure: Inhalation - difficulty in breathing; Skin - redness; Ingestion - vomiting
Medical Conditions Generally Aggravated by Exposure: Heart Disease; respiratory disorders.

Emergency and First Aid Procedures:
If overcome by vapors give oxygen. Do not induce vomiting. Wash eyes with large quantities of water.
Wash skin with soap and water.

Carcinogenicity: NTP? No IARC Monographs? No OSHA? No

Section VII - Precautions for Safe handling and Use

Steps to be taken in Case Material is Released or Spilled: Eliminate all ignition sources. Scrape up with NONSPARKING tools. FLASHBACK POSSIBLE.

Waste Disposal Method: Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be taken in Handling and Storing: Keep away from heat, sparks or open flame. Store at temperatures below 120°F

Other Precautions:

Excessive skin contact may defat skin causing dermatitis.

Respiratory Protection (Specify Type): Self contained breathing apparatus if above TLV limit.

Ventilation Local Exhaust: YES Mechanical (General)

Special: NONE

Protective Gloves: Neoprene, Viton

Eye Protection: Wear eye protection.

Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: Do not smoke while using. Wash your hands after every use. Avoid unnecessary exposure.

* SARA

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act (SARA) if 1906 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.