



"A Great Finish Speaks For Itself"

PRODUCT INFORMATION

SL-2KHB High Build Urethane Primer/Sealer



SL-2KHB High Build 2K Urethane Primer/Sealer has superior filling capabilities because of its very high solids making it excellent for filling deep sand scratches. SL-2KHB provides excellent color holdout under all urethane finishes with no shrinkage. SL-2KHB is fast drying and sands easily wet or dry without loading the paper. When used with SLA-2K2.1 activator SL-2KHB complies with California (SCAQMD) Rule 1151 2.1 VOC requirements and may be tinted with primer tints, or basecoat toner.

- Easy Tinting With Primer Tints Or Basecoat Toner
- Fast Dry, Improves Shop Productivity
- Excellent Color Hold-out, Improves Color Match

FEATURES:

- Fast dry, improves shop productivity
- Excellent color hold-out, improves color match
- Outstanding fill and build
- Easy sanding
- No shrinkage
- Excellent adhesion
- Easy tinting with primer tints or basecoat toner

RECOMMENDED SUBSTRATES:

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

MIXING INSTRUCTIONS:

4 parts SL-2KHB Primer to 1 part SLA-2K Activator
 For 2.1 VOC applications:
 4 parts SL-2KHB Primer to 1 part SLA-2K2.1 Activator
 May be reduced using 1 part Reducer (Addition of Reducer will increase VOC)

APPLICATION INSTRUCTIONS:

1. Surface Prep: Wash with soap and water to remove contaminants that solvent based cleaners cannot remove effectively. Wipe area with Starlite Coatings SL-9000 Wax and Grease Remover working no more than 2 sq. ft area. Sand with 150-220 grit abrasive and reclean with SL-8000 Pre-Paint Cleaner. Treat bare metal areas with a quality metal conditioning system and prime with SL-50 Epoxy Primer
2. Mix thoroughly - do not shake. Apply 2-3 wet coats using 40-50 psi at the gun. Allow 10-15 minutes flash between coats. Allow SL-2KHB to dry 1-2 hours @ 70°F before sanding. Final block with 400-800 grit wet or dry and re-clean with SL-8000 Pre-Paint Cleaner.

Film thickness, flash times and temperatures will effect sanding times.

3. Pot Life: One and one half hours. Note: By using one cap full per quart of SL-16S "Accelite" Accelerator. Accelerator should not be used when air temperature is above 70°F. SL-2KHB may be wet or dry sanded. May be tinted with up to 10% primer tint or basecoat toner.

SL-2KHB For Use As a Sealer: SL-2KHB may be use as a sealer by reducing the pre-activated SL-2KHB by 10-25% with a good quality urethane reducer such as Starlite SR-0870.

SL-2KHB may be used to prime 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 good quality lacquer thinner to thoroughly clean all equipment. Do not leave catalyzed primer in gun longer than 1.5 hours. Clean equipment immediately when using SL-16S "Accelite" accelerator.

TECHNICAL DATA:

Color:	Buff and Gray
Flash Point :	< 0°F TCC
Pot Life:	1 1/2 hours @ 75°F
Recommended Film Build:	2.5-4 mil DFT
Coverage 1 mil.:	1100 sq. ft.
Mix Ratio:	4:1
Weight Solids:	72.0%
Sprayability Viscosity:	21 sec. #2 Zahn
V.O.C.:	2.0 lbs./gal.
V.O.C. Ready to spray:	with SLA-2K = 2.6 lbs./gal. with SLA-2K2.1 = 2.1 bs.gal.



Material Safety Data Sheet

PRODUCT IDENTITY: SL-2KHB High Build Urethane Primer

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

NFPA RATINGS	
HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	G

Section II-Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name)	CAS#	OSHA PEL	ACGIH TLV	Wt %
*TOLUENE	108-88-3	100 ppm	100 ppm	1/5
*XYLENE	1330-20-7	100 ppm	100 ppm	10/15
BUTYL ACETATE	123-86-4	150 ppm	150 ppm	1/5
ACETONE	67-64-1	750 ppm	750 ppm	15/25

* SARA 313 listed chemical

DOT SHIPPING: FLAMMABLE LIQUID; PAINT RELATED MATERIAL UN 1263

Section III-Physical/Chemical Characteristics

Boiling Point: 132°F
Specific Gravity (H2O = 1): 1.49
Vapor Pressure (mmHg @ 70°F): 85 mmHg
Vapor Density (Air = 1): Heavier than Air
Evaporation Rate:(butyl acetate = 1) >1
Appearance and Odor: Off-white colored Viscous liquid, Solvent Odor
V.O.C.: 3.1 #/gal.
V.O.C. less exempt solvents: 2.0 #/gal.

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used): 132°F (TCC) Flammable Limits: LEL 1.0 UEL 12.8

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.