Starlite Coatings

"A Great Finish Speaks For Itself"

PRODUCT INFORMATION

SL-2KU Ultra "DTM" Primer

SL-2KU Ultra Primer is a high solids primer with superior filling capabilities for deep sand scratches that can be applied by roller or spray directly over bare metal, no need for an etching primer. SL-2KU gives excellent color holdout under all urethane finishes with no shrinkage. SL-2KU is fast drying and sands easy, wet or dry without loading the paper.

- Multi-Purpose Primer
- Rollable - Sprayable
- Direct To Metal - Direct To E-Coat
- Fast Sand Times - Easy Sanding

FEATURES:
- Fast dry, improves shop productivity
- Rollable - sprayable
- Outstanding fill and build
- Easy sanding
- No shrinkage
- Excellent adhesion

RECOMMENDED SUBSTRATES:
- All previously painted surfaces
- Body filler
- Properly prepared bare metal, galvanized steel and aluminum
- Most properly prepared automotive plastics

MIXING INSTRUCTIONS:
For rollable application: Mix 4 parts SL-2KU Primer to 1 part SLA-2K2.1 Activator
For spray application: Mix 4 parts SL-2KU Primer to 1 part SLA-2K2.1 Activator to 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.May be initially sanded with 320-400 grit abrasive and cleaned with SL-8000 Pre-Paint Cleaner. Wipe area with wax and grease remover such as Starlite SL-9000 working no more than 2 sq. ft. area. Sand with 150-220 grit abrasive and reclean with SL-8000 Pre-Paint Cleaner.

2. FOR ROLLABLE APPLICATION: Mix thoroughly as instructed above. Do not shake. Pot life of activated material is 1 hour @ 75°F or as conditions dictate. Apply 2-4 coats with sponge roller, allow 5-15 minutes between coats as shop conditions dictate.

3. FOR SPRAY APPLICATION: Mix thoroughly as instructed above. Do not shake. Apply 2-3 wet coats using 40-50 psi at the gun. When using HVLP use 6-10 psi at the gun. Allow 5-15 minutes flash time between coats. May be anded in 1 to 1.5 hours s shop conditions dictate. Film thickness, flash times and temperatures will effect sanding times.

SL-2KU may be wet or dry sanded. May be tinted up to 10% with primer tint or basecoat toner.

4. Final block with 400-800 grit wet or dry and re-clean with SL-8000 Pre-Paint Cleaner.

SL-2KU 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 hour.

TECHNICAL DATA:

Color:	Gray, Black and Buff
Flash Point :	< 0°F TCC
Pot Life:	1 hour @ 75°F
Recommended Film Build:	2-4 mil DFT
Coverage 1 mil.:	650 sq. ft.
Mix Ratio:	4:1 Rollable Application 4:1:1 Spray Application
Weight Solids:	61.5%
Sprayability Viscosity:	24 sec. #2 Zahn
Rollable Viscosity:	35 sec. #2 Zahn
V.O.C. Mixed 4:1 with SLA-2K2.1 (rollable):	2.0 lbs./gal.
V.O.C. - Mixed 4:1:1 with SLA-2K2.1 and SR-0870 (sprayable):	3.5 lbs./gal.
V.O.C. Mixed 4:1:1 with SLA-2K2.1 and Acetone (sprayable CA):	2.1 lbs./gal.

41158 Koppernick Rd. • Canton, MI 48187 • 734 335-6665

Material Safety Data Sheet

PRODUCT IDENTITY: SL-2KU Ultra "DTM" 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	1/5
METHYL AMYL KETONE	110-43-0	100 ppm	50 ppm	1/5
METHYL ETHYL KETONE	78-93-3	200 ppm	200 ppm	1/5
OXSOL 100	98-56-6	100 ppm	100 ppm	15/20
BUTYL PROPIONATE	590-01-2	Not est.	Not est.	1/5
ACETONE	67-64-1	750 ppm	750 ppm	10/15

* SARA 313 listed chemical

DOT SHIPPING: FLAMMABLE LIQUID; PAINT RELATED MATERIAL UN 1263

Section III-Physical/Chemical Characteristics

Boiling Point: 174°F
Specific Gravity (H20 = 1): 1.45
Vapor Pressure (mmHg @ 70°F): 85 mmHg
Vapor Density (Air = 1): Heavier than air
Evaporation Rate:(butyl acetate = 1) >1
Appearance and Odor: Buff or gray colored viscous liquid, solvent odor
V.O.C.: 4.2 #/gal.
V.O.C. less exempt solvents: 1.2 #/gal.

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used): -20°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.