GlobalStar





L4.1.K1 High Gloss Low VOC Acrylic Polyurethane

US/01102022/L4.1.K1

Technical Data Sheet

Description

L4.1.K1 is a high gloss, medium solids Low VOC urethane topcoat created for painting of all types of substrates on manufactured items, and refinish projects.

L4.1.K1 is compliant in all restricted VOC areas and can be used in National Rule areas with National Rule activators and reducers.

Suggested Uses

As a high performance topcoat over properly prepared primed or sealed substrates and sanded stable coatings, including: Hot and Cold roll steel, Galvanized Steel, Aluminum, fiberglass, plastics and wood where:

- Outstanding Gloss and color retention are desired.
- Outstanding adhesion and flexibility is required.
- Excellent durability and chemical resistance.
- Car finish appearance.
- Excellent DOI and leveling is required.
- Excellent performance when using air-assist airless, pressure pot, cup gun and Roller or brush application.

Field Applications

- Light to medium industrial equipment
- Recreational boat refinishes
- Construction equipment
- Airport ground support equipment
- Truck and Trailer Refinishing
- Bus and Transit refinish
- Commercial auto and van refinish.

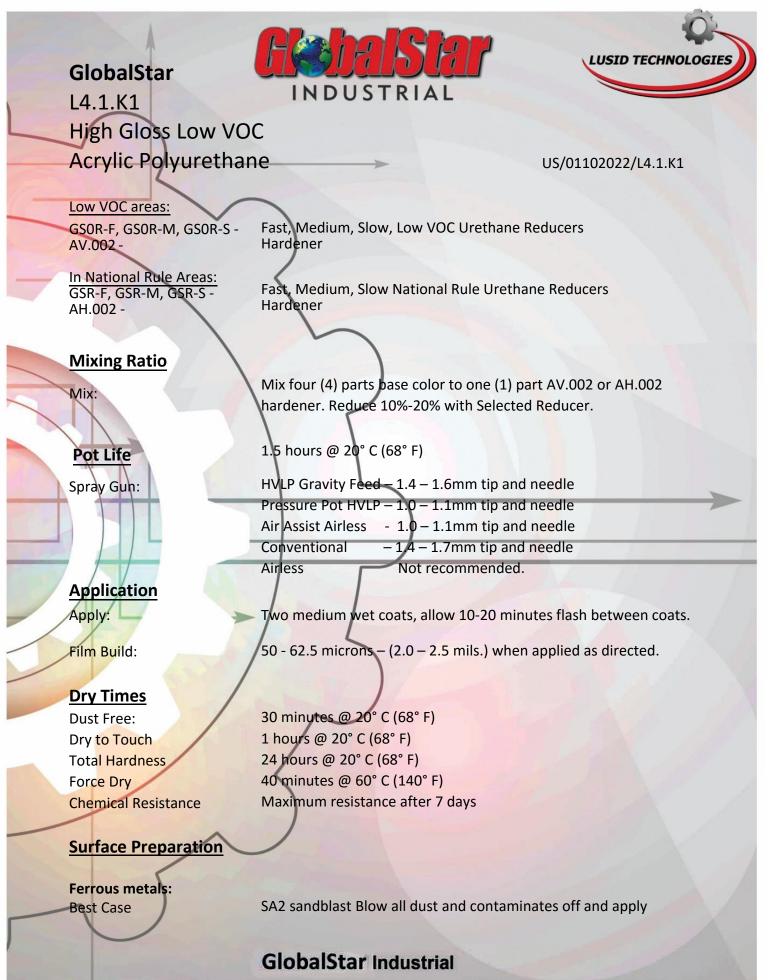
Components

L4.1. K1

Base

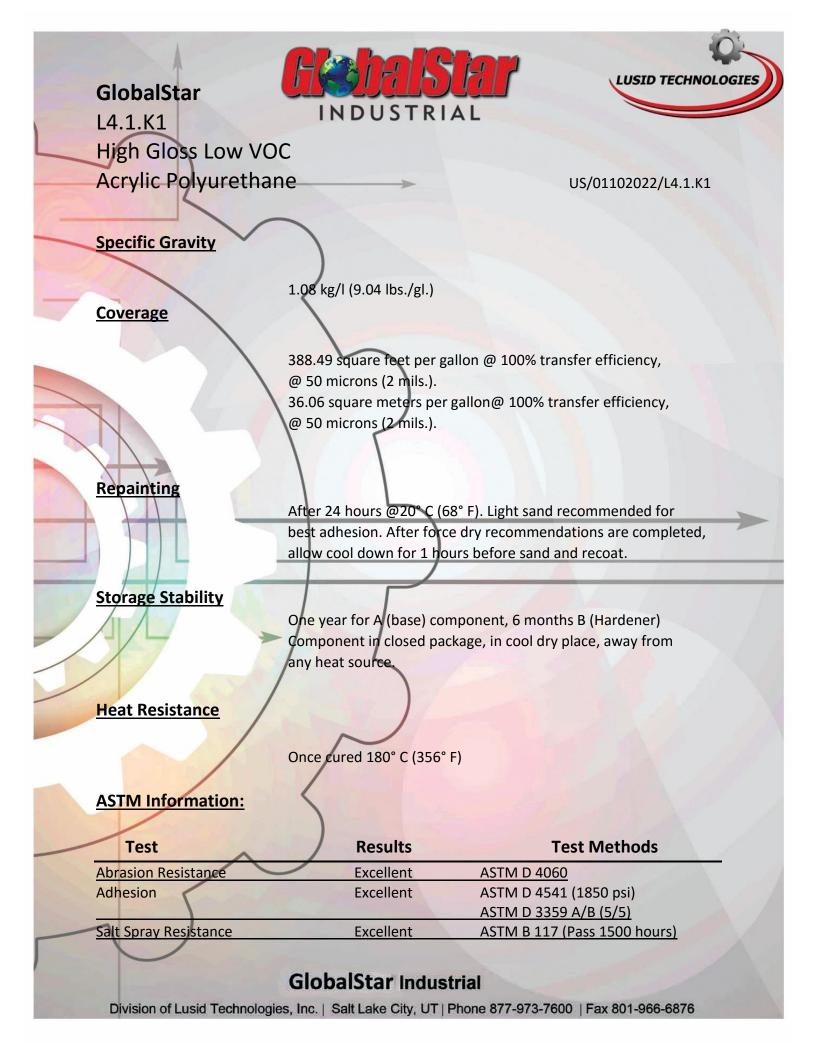
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LUSID TECHNO GlobalStar INDUSTRIAL L4.1.K1 **High Gloss Low VOC Acrylic Polyurethane** US/01102022/L4.1.K1 GlobalStar primer within 12 hours followed by topcoat as directed. Hot Phosphate wash system, blow dry and apply GlobalStar Second Best Case primer within 8 hours followed by topcoat as directed. Third Best Case Careful mechanical abrasion. Clean all dust, oil residue, finger prints and contaminates before and after mechanical abrasion with a clean drying wax and grease removal solvent, making sure all residue is removed. Apply suitable GlobalStar primer, followed by topcoat as directed. Clean surface with clean drying wax and grease remover. Aluminum: Apply GlobalStar Epoxy Primer, followed by topcoat as directed. **Galvanized Steel:** Clean all dust, oil residue, and contaminates from surface using a Clean drying wax and grease remover. Light Sanding (320P grit) Clean again with clean drying wax and grease remover ensuring that all residue is removed. Apply GlobalStar Epoxy Primer followed by topcoat as directed. VOC 255.9 g/l (1.88 lbs./gl.) **Regulatory VOC** Actual VOC 314.4 g/l (2.62 lbs./gl.) Solids **By Volume** 48.41% By Weight 49.87% **GlobalStar Industrial** Division of Lusid Technologies, Inc. | Salt Lake City, UT | Phone 877-973-7600 | Fax 801-966-6876



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L4.1.K1		
High Gloss Low VOC		
Acrylic Polyurethane		US/01102022/L4.1.K1
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Direct Impact Resistance	Very Good	ASTM D 2794 (140 in-lbs.)
Reverse Impact Resistance	Very Good	ASTM D 2794 (50 in lbs.)
Humidity Resistance	Excellent	ASTM D 2247 (Pass 1000 hours)
Film Hardness	3H	ASTM D 3363
Che <mark>mical</mark> Resistance	Very Good to Excellent	ASTM D 1308
(Rating Scale 1-10 with	10	1% Sodium Hydrochloric Acid
10 best)	10	5% Sodium Hydrochloric Acid
	9	10% Sodium Hydrochloric Acid
	10	Ammonia
	10	Diesel Fuel
	10	1% Hydrochloric Acid
	10	1% Sulfuric Ac <mark>id</mark>
	9	10% Sulfuric A <mark>cid</mark>
	10	100% Ethanol
	10	1% Phosphori <mark>c A</mark> cid
	9	10% Phosphoric Acid
	10	MEK (Methyl Ethyl Ketone)
	10	Gasoline
	9	Skydrol
	9	DOT 3 Break Fluid
QUV A	Excellent	ASTM D 4587 (1500 hours-97%)
nitial Gloss @ 60°	93 min	ASTM D 523
Solvent Resistance	Surpassed	ASTM D 4752 (1000 MHR)

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