

Technical Data Sheet

Typical Properties and Characteristics

Typical physical property values of Victory Coat S96 LVC silicone roof coating as supplied are set forth in the table below:

Property	Test Method	Value ¹
Solids Content	Volume	90
	Weight	ASTM D1644-01 Modified 91
Tack Free Time	ASTM D3960	20-30 minutes
Skin-Over Time	WPSTM C-560	10-15 minutes
Viscosity	ASTM D2196	22,000 centipoises
Tensile Strength	ASTM D2370	204 psi (1.41 MPa)
Elongation	ASTM D2370	542%
Durometer Hardness Shore A	ASTM D2240	36
VOC	EPA Method 24	<24 g/L
Solar Reflectance - initial	ASTM C1549	88%
Emissance - initial	ASTM C1371	0.90
SRI Value - initial	ASTM E1980	111
SRI Value - aged ²	ASTM E1980	103
Permeance	ASTM E96 (BW)	9.3 perms
Tear Resistance	ASTM D624	32 lbf/in.
Low Temperature Flexibility	ASTM D522 (B)	Pass
Resistance to Wind Driven Rain	TT-C-555B	Pass

¹ Typical properties are average data and are not to be used as or to develop specifications.

² Accelerated aging test by QUV; as tested and reported at CRRC.

Shipping Information and Colors

Victory Coat S96 LVC silicone roof coating is available in nominal 5 gallon (18.9 liters) plastic pails and 55 gallon (208.2 liters) chimed steel drums. Weights shown below approximately correlate to 50 gallons and 5 gallons per container.

Grade	Color	Container	Weight (Lbs.)	Weight (Kg)
Victory Coat S96 LVC	White	Steel drum	540.0	245.2
		Plastic pail	54.0	24.5
Victory Coat S96 LVC	Medium Gray	Steel drum	540.0	245.2
		Plastic pail	54.0	24.5



White
Victory Coat S96 LVC



Medium Gray
Victory Coat S96 LVC

Overview

Victory Coat S96 LVC is an advanced silicone membrane formulated to meet stringent low-VOC requirements while still providing outstanding resistance to water intrusion, UV exposure, and natural weathering. The single-component coating is moisture-cured and fluid-applied that, once set, provides excellent protection for a wide range of building surfaces. Victory Coat S96 LVC is ideal for waterproofing and restoring existing roof systems, as well as for weather protection of SPF roofing systems, and the perfect choice where conventional VOC-emitting products cannot be used or tolerated.

Features and Benefits

- **High Build Formulation** - Allows for single coat application and hangs on peaks without sagging.
- **Resistance to ponding water**
- **Ease of Use** - Victory Coat S96 LVC silicone roof coating can be applied with common airless equipment, roller or brush, and is a single component material that requires no mixing of separate components.
- **Weatherability** - Cured silicone rubber exhibits excellent long-term resistance to natural weathering including: extreme temperatures, ultraviolet radiation, rain and snow.
- **VOC Compliant** - High solids solvent-free formulation and low Volatile Organic Compounds content is well below the current limits of California's relevant Air Quality Management Districts.
- **Long-lasting** - Victory Coat S96 LVC silicone roof coating can be stored in unheated warehouses during cooler months without the risk of freezing. Shelf life is 18 months from date of manufacture when properly stored.

Technical Assistance

For additional assistance please contact Victory Polymers Corp. at 1-832-240-7222. Any technical advice furnished by Victory Polymers or any representative of Victory Polymers concerning any use or application of any Victory Polymers product is believed to be reliable, however Victory Polymers makes no warranty, expressed or implied, of suitability for use in any application for which such advice is furnished.

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Ratings and Approvals

- **ASTM D6694** - Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems. Result: Pass
- **Cool Roof Rating Council (CRRC)** - Licensed Seller ID 1200. Victory Coat S96 LVC (white) only. Rated Product ID - 0002.
- **UL 790** - Flammability Characteristic - Victory Coat S96 LVC silicone roof coating carries Class "A" Non-Combustible and Class "B" Combustible credentials as tested under UL 790 procedures over spray foam and single ply roofing systems. Refer to the UL directory for specific information.
- **ASTM E84** - Standard Test Method for Surface Burning Characteristics of Building Materials. Result: Class A (Flame Spread Index 10, Smoke Developed Index 185).
- **Miami Dade NOA** - 13-1119.01
- **CAL FIRE**
- **California Title 24 Compliant** - Can be used to comply with Title 24 high efficiency requirements (Victory Coat S96 LVC).
- **NSF 151 Certification for rainwater catchment systems**
- **FM Global**

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