



100% Silicone Sealant

High-Solids, Non-Shrinking, UV Stabilized Sealant

PRODUCT DATA SHEET



DESCRIPTION

100% Silicone Sealant is a high-solids, non-shrinking, moisture-cure product with UV stabilization and a low odor. It provides excellent adhesion to concrete, masonry, polyurethane foam, EPDM, TPO, aged PVC, aged acrylic coatings, granular cap sheet, wood, metals, Kynar® finishes and most other common building materials. MuleHide Si TPO Primer is required for TPO roof membranes.

BASIC USES

100% Silicone Sealant is used for sealing and repairing roofs, masonry, architectural sheet metal and metal roof seams and fasteners.

PACKAGING

- Container Sizes: 10 oz. Tubes

CODES AND COMPLIANCES

Meets the requirements of ASTM C920, Type S, Grade NS, Class 50; AAMA 802.3, 803.3, 805.2, and 808.3; and Federal Specifications TT-S-001543A and TT-S-00230C.

APPLICATION INSTRUCTIONS

1. Surface must be clean and dry.
2. Maximum joint width and depth for sealant applications is 1/2" wide and 1/2" deep. Use backer rod in deep joint sealant applications.
3. For cartridge applications, unscrew tip, use tip to puncture the foil seal. Reattach tip and cut to desired size. Tips may be immediately reused to avoid waste of material.

TYPICAL PHYSICAL PROPERTIES	
Characteristic	Typical Value or Result
Uncured Properties	
Appearance	Paste
Color	Clear, White, Aluminum, Black. Other Colors Available.
Curing Mechanism	Moisture/Oxime
Tack-Free Time	30 Minutes
Curing Time (77°F, 50% RH) 3/8" depth	7 Days
Density (g/cc)	1.03 ± 0.02
Slump	< 0.1"
Extrusion Rate (60 PSI, 0.014" orifice)	20 ± 5 Sec.
VOC	46 g/L
Cured Properties	
Tensile Strength (PSI)	≥ 200
Elongation	≥ 500%
Hardness: (Shore A)	35 ± 5
Movement Capacity	± 50%
Vehicle Migration/Staining	None
Service Temperature Range	-60°F to 350°F
Maximum Temperature for Short Periods	400°F

*Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

4. Minimum depth of application is 1/4" thick, edges are to be tapered.
5. 100% Silicone Sealant is weather resistant once applied.
6. Applications below 32°F (0°C) are possible, however curing requires free moisture in the air and will not begin until temperatures rise above freezing.
7. 100% Silicone Sealant is not paintable.

Application instructions are basic guidelines only. Please read and understand the complete MuleHide specification for this product prior to use.

PRECAUTIONS

Do not take internally. If swallowed, do not induce vomiting, seek immediate medical attention. Keep out of reach of children. For professional use only. Read SDS prior to use. California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

CLEAN UP

Clean up with Si Cleaning Solvent



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STORAGE & HANDLING

Shelf life is two years from date of manufacture in an unopened container.

Job site storage in excess of 80°F may affect product shelf life. Store product at temperatures between 60°F and 80°F. Materials exposed to lower temperatures affect the workability and performance of the product. Products must be restored to 60°F prior to use.

PROTECTION & SAFETY

MuleHide maintains safety data sheets on all of its non-exempt products. Safety data sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. MuleHide's safety data sheets should be read and understood by all of your supervisory personnel and employees before using MuleHide products in your facilities.

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the MuleHide website at www.mulehide.com for the latest information, changes and updates or contact MuleHide at 800-786-1492.

DISCLAIMER

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