



Product Data Sheet

MULE-HIDE 100% SILICONE SEALANT

PRODUCT DESCRIPTION

Revision Date: August 2018

Mule-Hide 100% Silicone Sealant is a high solids non-shrinking moisture cure silicone UV Stabilized sealant that has minimal odor, contains no solvents and has less than 10 grams per liter VOC. 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. Mule-Hide Si TPO Primer is required for TPO roof membranes.

BASIC USES

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

Mule-Hide 100% Silicone Sealant is a oxmine, neutral pH cure (rather than acetoxy) acetic acid cure silicone and

TYPICAL PHYSICAL PROPERTIES

Physical Property*	Test Method	Value
Viscosity	ASTM D 2196	700,000 cps
Slump	ASTM C 693	No Sag
Solids by Weight	ASTM D 1644	98%
Solids by Volume	ASTM D 2697	97%
Weight per Gallon	ASTM D 1147	10 lbs.
Hardness – Shore A	ASTM C 661	26
Tensile Strength	ASTM D 2370	200 psi
Elongation	ASTM D 2370	500%
Movement	ASTM C 719	+/- 25%
Skin Time	ASTM C 679	10 Minutes
Tack Free	ASTM C 679	1 Hour
Flash Point	ASTM D 56	None
VOC	EPA 24	10 g/l / < 3%

*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.



PACKAGING

Container sizes: 10 oz tubes, 1 gallon and 3.5 gallon pails

Colors

Pails – White
Tubes – White and Clear

APPLICATION INSTRUCTIONS

1. Surface may be damp but must be clean.
2. Maximum joint width and depth for sealant applications is 1 inch wide and 5/8" 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.

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APPLICATION INSTRUCTIONS (continued)

4. For field application using pails, apply with a trowel or 4 inch chip brush.
5. Minimum depth of application is 1/4" thick, edges are to be tapered.
6. 100% Silicone Sealant is weather resistance once applied.
7. 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.
8. Not recommended for surfaces that are to be painted.

Application instructions are basic guidelines only. Please read and understand the complete Mule-Hide 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 Mule-Hide Si Cleaning Solvent

STORAGE & HANDLING

Two years from date of manufacture in unopened container.

Job site storage in excess of 90°F (32°C) 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

Mule-Hide 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. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

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

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate at the time of printing. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the alleged failure before repairs are made.