



## Product Data Sheet

# SILICONE SEALANT

Rev: Apr 2023

### PRODUCT DESCRIPTION

Silicone Sealant is a silicone flashing compound designed for use at various flashing and through- roof penetration conditions. When installing Mule-Hide 100% silicone coating systems, use at details and where silicone is required to be applied vertically, such as parapet walls. The product will expand and contract with the movement of the roof surface and is resistant to UV degradation.

### BASIC USES

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



### TYPICAL PHYSICAL PROPERTIES

Characteristic	Method	Typical Value
Elongation (%)	ASTM D412	379
Tensile Strength (psi)	ASTM D412	235
Solids weight (%)	ASTM D2697-3	92 ± 3
Tack-Free Time (hours)	ASTM C679	1–2
Cure Time (hours)		16–18
VOC (g/l)	Calculated	< 50

\*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

### PACKAGING

Container sizes: 2-gallon Pail (7.5 liter)

### FEATURES AND BENEFITS

- Flexible.
- Low odor.
- Easy to apply.
- VOC compliant.
- Fast moisture-cure.
- UV resistant.
- Excellent resistance to weathering.
- Superior adhesion to a variety of substrates.
- Suitable for most surfaces and various roofing types.
- Provides a permanent waterproof seal at flashing and penetrations.

### APPLICATION INSTRUCTIONS

#### **Surface Preparation:**

- All surfaces to receive compound must be clean dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit adhesion.
- Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminations.

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- Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of newly installed products.
- Repair any visible deficiencies such as splitting, blistering and buckling.
- Visually inspect all flashings, edges, drains, valleys and through-roof penetrations and repair as needed by project conditions.

## **Application:**

- Stir product prior to application if needed.
- Apply by brush, trowel or putty knife.
- In all cases, an adhesion test is recommended to confirm suitability.
- Prior to using this product on new cap sheets (smooth or granulated); it is recommended to wait 30 days for weathering.
- Apply at 1/8" thick uniform application.
- Application in cold weather could result in uneven application and improper curing of product.
- Apply at all laps, cracks or breaks in the surface extending a minimum of 2 inches on each side.

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

## **PRECAUTIONS**

- Do not apply if inclement weather is expected within 24 hours of application.
- Do not thin product.
- Not for use where product will be under constant water submersion.
- Not recommended for silicone structural glazing.
- Do not apply in confined spaces without proper ventilation.
- Do not apply at temperatures above 120°F.
- For cold weather application, store material above 65°F.

For Professional Use Only - Keep out of the reach of children.

## **STORAGE AND CLEANING**

- Shelf life is 12 months from date of manufacture when properly stored.
- All containers should be sealed when not in use.
- Keep from freezing.
- Store unopened containers between 50°F and 90°F
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Clean hands with waterless hand cleaner.
- Application tools and equipment can be cleaned with mineral spirits or Naphtha.

## **MANUFACTURING FACILITIES**

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

## **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.

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### **ADDITIONAL INFORMATION**

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at [www.mulehide.com](http://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.