



## Product Data Sheet

# Si 2-PART EPOXY PRIMER

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### PRODUCT DESCRIPTION

Si 2-Part Epoxy Primer is a water-based primer used to promote adhesion and prevent asphalt staining with 100% Silicone Roof Coating. Also can be used over areas of rusted metal to encapsulate rust.

### BASIC USES

Si 2-Part Epoxy Primer is recommended for:

- Priming aged smooth surfaced built-up roofing, and modified bitumen roofs to improve adhesion of the 100% Silicone Roof Coating and to block asphalt bleed through
- Priming single-ply membranes to promote adhesion
- Cannot be installed over fresh/shiny asphalt or fresh asphaltic mastic
- Use as a block filler when installing 100% Silicone Masonry Wall Coating
- Used over areas of rusty metal
- Si 2-Part Epoxy Primer is required to address ponding, waterways and valleys



Si 2-Part Epoxy Primer is not intended for exposure to the elements and must be top coated with 100% Silicone Roof Coating the next day but no longer than three days after application. Do not allow Si 2-Part Epoxy Primer to freeze.

### TYPICAL PHYSICAL PROPERTIES

Physical Property*	Test Method	Value
Viscosity	ASTM D 2196	15,000 cps
Solids by Weight	ASTM D 1644	62%
Solids by Volume	ASTM D 2697	44%
Weight per Gallon	ASTM D 1147	11.6 lbs.
Flash Point	ASTM D 56	N/A
VOC	EPA 24	85 g/l
Color	----	Gray

\*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

2.5 gallons of part A and 2.5 gallons of part B packaged in individual pails

### APPLICATION INSTRUCTIONS

#### Preparation

1. Surface must be dry and free of dirt or corrosion particles.
2. Apply only at temperatures above 40°F and rising, with less than 90% humidity, and no threat of rain for 12 hours.

#### Mixing

1. Mix part A and Part B using a low RPM high torque drill and drywall paddle bit.

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### MIXING (Cont)

2. In a clean, 5 gallon pail, add equal parts of Si 2-Part Epoxy Primer Part A and Part B.
3. Mechanically mix the two components together, as outlined above, taking care to not entrain air into the mixture.
4. Expected pot life under normal conditions is four hours after mixing.
5. Pot life is longer in cool temperatures and shorter in hot temperatures.

### Application

1. On most substrates, apply with a brush, roller or suitable spray equipment at the rate of .25 gallon per 100 sf.
2. On granule surfaced Modified Bitumen cap sheets the application rate is .5 gal/100 sf in one coat.
3. Over application can cause cracking and loss of adhesion.
4. Allow Si 2-Part Epoxy Primer to cure a minimum of 8 hours before applying top coat.

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

### PRECAUTIONS

- Top coat must be applied the next day, but no longer than three days after primer application.
- Do not allow Si 2-Part Epoxy Primer to freeze. Once frozen, product is un-usable and must be disposed of.
- Avoid prolonged contact with skin or inhalation of fumes. Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. For professional use only. Read SDS prior to use.
- **California Proposition 65 Warning:** This product may contain chemicals know to the State of California to cause cancer, birth defects and/or reproductive harm.

### CLEAN UP

Wet coating – clean up with soap and water

Dry coating – clean up with Si Cleaning Solvent

### STORAGE & HANDLING

One year shelf life with proper storage.

Si 2-Part Epoxy Primer must be stored in original, unopened containers at temperatures between 60°F (15°C) and 90°F (32°C). Jobsite storage in excess of 90°F (32°C) may affect product shelf life. Do not allow Si 2-Part Epoxy Primer to freeze. Once frozen, product is un-usable and must be disposed of.

### 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](http://www.mulehide.com) for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

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### **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. This product may be eligible for a Mule-Hide warranty, please check the Mule-Hide website at [www.mulehide.com](http://www.mulehide.com) or contact Mule-Hide directly at 800-786-1492 for details. 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.