



Product Data Sheet

LOW VOC PRIMER

PRODUCT DESCRIPTION

Low VOC Primer is a solvent-based product designed for one-step cleaning and priming of EPDM and TPO surfaces to be bonded with In-Seam Tapes, Uncured Flashing Tapes, Cured Cover Tapes, and Pre-Taped membranes. It is a Low VOC product that is ideal for use where environmental concerns are an issue.

BASIC USES

A Low VOC product designed for one-step cleaning and priming of EPDM and TPO surfaces prior to the application of In-Seam Tapes and other Taped Products.



TYPICAL PHYSICAL PROPERTIES*

Typical Properties and Characteristics	
Base Material	Synthetic Rubber
Color	Olive Drab
Solids	9%
Flash Point	40°F (4.4°C)
Shelf Life	9 months
Average Weight	9.55 lbs./gallon (1.14 kg/liter)

Leed Information	
Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Carlisle, PA
VOC Content	<250 g/l

*General properties. 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 or specification range for any particular property of this product.

PACKAGING

(6) 1 gallon (3.8 liter) cans per carton

BENEFITS & SUPPLEMENTAL STATEMENTS

- Promotes excellent long term adhesion with Tape Products
- One step cleaner and primer for EPDM and TPO membranes
- VOC less than 250 g/l

COVERAGE RATES

Approximately 250 square feet / gallon with Dusted Sheet
Approximately 700 square feet / gallon with TPO

INSTALLATION TEMPERATURE

If primer is store at temperatures less than 60° F, restore to room temperature (~70° F) before using.

MIXING

Mixing is not recommended, even when settling has occurred. The Low-VOC Primer contains a non-partitioning agent that may settle to the bottom of the can. Do not attempt to break up or stir back into the primer.

Product Data Sheet

Low VOC PRIMER

INSTALLATION INSTRUCTIONS

Surface Preparation

1. Remove all foreign material by brooming or washing with water. If membrane is very dirty, scrubbing with Weathered Membrane Cleaner may be necessary. This process is essential on membrane that has been exposed for a number of weeks.

Note: Permeation resistant gloves (that meet ANSI/ISEA 105-2005) are required for hand protection when cleaners or primers are being used.

Application

1. **Mixing is not recommended, even when settling has occurred.**
2. Apply the primer with Scotch-Brite® pads or clean rags. Scrub the area of the membrane (where the Pre-Taped Sheet, Taped Product or Splicing Cement is to be applied) in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed area will be uniform in color without streaks and free of globs or puddles.
3. Note: The use of excessive amounts of Low VOC Primer will not significantly enhance the adhesion of the Pre-Taped or Taped Product to the EPDM or TPO membrane. Use only the amount necessary to obtain 100% coverage of the area where the tape or adhesive will be applied.
4. Allow the Low VOC Primer to dry until it does not transfer to a dry finger touch. Prompt installation of the In-Seam Tape or Taped Product as soon as the primer flashes off minimizes potential dust contamination and promotes adhesion in colder weather.
5. Complete the splice as specified in Mule-Hide's Specifications and Details.

Review current Mule-Hide specifications and details for additional information.

Precautions

1. Do not allow primer to over dry or lose tack.
2. Install taped products immediately after primer flashes off and while primer is still tacky.
3. This product is **FLAMMABLE**. Precautions must be taken to keep the primer away from heat, flame and sparks during storage and use.
4. Avoid contact with eyes and skin.
5. Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately. During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix adhesive near fresh air intake units. When possible, shut down or seal off the closest units.
6. If swallowed, **DO NOT INDUCE VOMITING**. Call a physician immediately.
7. Chemically-resistant gloves must be worn with Low VOC Primer to protect hands from staining and irritating ingredients.
8. Solids suspended in Low VOC Primer tend to settle and **DO NOT NEED TO BE REMIXED**. Stirring is not required. Use Low VOC Primer full strength. Do not thin. Thinning will affect performance.
7. Low VOC Primer is not white in color and may cause staining of White-on-Black membrane and other non-black surfaces. For appearance, care should be taken to limit the amount of primer exposed beyond the splice area.
8. Due to solvent flash-off, condensation may form on freshly applied Low VOC Primer when the ambient temperature is near the dew point. If condensation develops, the application of primer must be discontinued (proper adhesion will not be obtained). Allow the surface to dry and apply a thin freshener coat of primer to the previously coated surface when conditions allow.

REVIEW THE LOW VOC PRIMER MATERIAL SAFETY DATA SHEET FOR COMPLETE SAFETY INFORMATION PRIOR TO USE. **KEEP OUT OF REACH OF CHILDREN.**

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STORAGE & HANDLING

Job site storage temperatures in excess of 90°F (32°C) may affect product shelf life. Should the primer be stored at temperatures lower than 60°F (15°C), restore to room temperature prior to use.

Keep can tightly closed when not in use and protect from moisture contamination. Once exposed to moisture in the air, Low VOC Primer begins to cure and may gel within a few days. A gasket of membrane or sealant can be used to create a positive seal.

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.