



# Product Data Sheet

## TPO TAPE PRIMER

### PRODUCT DESCRIPTION

TPO Tape Primer is a solvent-based product designed for one-step cleaning and priming of TPO surfaces to be bonded with In-Seam Tapes, Uncured Flashing Tapes, Cured Cover Tapes, and Pre-Taped membranes.

### BASIC USES

A product designed for one-step cleaning and priming of TPO surfaces prior to the application of Taped Products.



### TYPICAL PHYSICAL PROPERTIES

Physical Properties*	
Color	Clear / Translucent
Solids	15%
Appearance	Smooth, no lumps
Flash Point	18°F (-8°C)
Packaging	6, 1 gal cans / carton
Shelf Life	1 year in unopened container
Average Weight	6.5 lbs./gallon (2.95kg)

LEED Information	
Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
VOC Content	645 g/l
Manufacturing Location	Michigan Center, MI

\*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.

### BENEFITS & SUPPLEMENTAL STATEMENTS

- Promotes excellent adhesion with Tape Products
- One step cleaner and primer
- Quick flash-off time for faster installation

### COVERAGE RATES

Approximately 200 to 250 square feet (19 to 24 square meters) (one surface) per gallon

### INSTALLATION TEMPERATURE

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

### 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.
2. The surface to which the TPO Tape Primer is to be applied must be clean and dry.

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

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### Application

1. Thoroughly stir primer until all settled materials are blended into the solution. Solids suspended in TPO primer will tend to settle; stir the solution frequently during use.
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. Apply primer to a wider area than the actual splice area to ensure complete coverage.
3. Note: The use of excessive amounts of TPO Primer will not significantly enhance the adhesion of the Pre-Taped or Taped Product to the TPO membrane. Use only the amount necessary to obtain 100% coverage of the area where the tape or adhesive will be applied.
4. Allow TPO 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. Drying conditions will vary depending on ambient conditions.
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. Warning – Harmful if swallowed. Flammable liquid. May be irritating to skin and eyes.
2. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Use of permeation – resistant gloves (that meet ANSI-ISEA 105-2005) and safety glasses are recommended. Keep away from heat, sparks, motors and open flame. DO NOT SMOKE WHILE USING. Keep lid tightly closed when not in use.
3. If swallowed, DO NOT INDUCE VOMITING. Call physician immediately. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact, wash with soap and water. If irritation develops, call physician.
4. In case of fire, handle as a solvent or gasoline fire. Use a carbon dioxide or foam fire extinguishers. Water fog or spray may be used to smother the fire and cool containers. Do not use a solid stream of water to fight fire because it can scatter and spread the fire.
5. Avoid breather 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. Thoroughly stir this product until all settled pigment is blended into the solution. Solids suspended in TPO Tape Primer tend to settle. Use TPO Tape Primer full strength. Do not thin. Thinning will affect performance.
7. Due to solvent flash-off, condensation may form on freshly applied TPO Tape 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 TPO TAPE 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, TPO Tape 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](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.