

PRODUCT DATA SHEET

MULE-HIDE THERMOPLASTIC ONE-PART POURABLE SEALER

PRODUCT DESCRIPTION

Thermoplastic One-Part Pourable Sealer is a one-part, moisture curing, elastomeric polyether sealant providing rapid skin time when exposed to atmospheric moisture forming a waterproof rubber surface in less than an hour. Moisture curing continues for fourteen to twenty-eight days, until a two-inch deep solid rubber seal encases the penetration. Complete cure time will vary depending on relative humidity and temperature. Mule-Hide's Tape Primer must be applied to all surfaces that will be in contact with the Thermoplastic One-Part Pourable Sealer. Primer is not used with the PVC Molded Sealant Pocket. Unused sealant remaining in the pouch will remain useable up to 30 days if pouch is resealed with original cap.

BASIC USES

This product is designed for use with the TPO and PVC Molded Sealant Pockets. The sealant's one-part, pourable consistency allows for quick pocket filling without mixing.

SPECIFICATIONS

Color	White
Odor	Mild ester smell (mint) when wet. Odorless when dry.
Specific Gravity	1.37 (11.5 lbs/gallon) – 1.44 (12.0 lbs/gallon)
Viscosity (Brookfield RTV), cps	Self leveling 20,000 – 50,000
Hardness (Shore A) ASTM C 0661	25 - 35
Tack Free Time ASTM C 0679	Less than 1 hour @ 70 degrees F. (21 degrees C)
Low Temperature flex PASS	Minus 20 degrees F. (Minus 29 degrees C)
Shrinkage (14 day cure)	No measurable shrinkage
Long term weatherability ASTM G 53	No crazing or cracking
Service Temperature ASTM 2453	Minus 40 degrees F to 200 degrees F. (Minus 40 degrees C to 93 degrees C)
Elongation @ Break, % ASTM D 412	450
Long Term Weatherability ASTM G 53	No Cracking or crazing
- 98 cycles @ 12 hours/cycle	
- Condensate exposure: 4 hrs @ 122°F (50°C)	
- U.V. exposure – 8 hrs@ 158°F (70°C)	

COVERAGE

One 0.5-gallon pouch (2-liter) will fill 122 cubic inches of volume within a sealant pocket. One TPO or PVC Molded Sealant Pocket will require 0.46 gallons (1.75 liters) to fill completely (with no penetrations).

PACKAGING AND STORAGE

Each carton contains: 4 – 0.5 Gallon pouches per bucket (4-2 liter)
Weight Per Carton: 29 lbs/bucket (13.15 kg)

Shelf life is established at 18 months. Shelf life is based on storage in original, unopened or undamaged containers at temperatures ranging from 60°F to 80°F. Should the Pourable Sealer be exposed to lower temperatures, restore to room temperature prior to use.

INSTALLATION INSTRUCTIONS

TPO-c Installations:

1. Bonding surfaces must be free of moisture, dirt, or any contaminants. Any previously applied asphalt, caulking, or sealants must be removed from the penetration(s).
2. Clean all surfaces with TPO Weathered Membrane Cleaner.

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MULE-HIDE PRODUCTS CO., INC.

P.O. Box 1057, Beloit, WI 53512-1057 • 608/365-3111 • Fax: 608/365-7852

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3. Fill any voids in the roof deck around the penetration(s) to prevent sealant from seeping through roof. Make sure any openings between the penetrations and the membrane are sealed prior to filling the pocket with sealer.
4. Mule-Hide Tape Primer is required for prepping the interior surfaces of the pocket. After welding the pocket in place, apply Tape Primer to all bonding surfaces including penetration(s), TPO-c membrane, inside walls and rim of TPO Molded Sealant Pocket. Allow primer to dry.
5. Remove cap from 0.5-gallon (2-liter) pouch and pour Thermoplastic One-Part Pourable Sealer directly into pocket. Fill pocket completely until rim is covered with Thermoplastic One-Part Pourable Sealer making sure all voids are filled.

PVC Installations: (Mule-Hide Tape Primer is not used)

1. Bonding surfaces must be free of moisture, dirt, or any contaminants. Any previously applied asphalt, caulking, or sealants must be removed from the penetration(s).
2. Clean all surfaces with PVC Membrane Cleaner.
3. Do not prime PVC membrane or pocket with Mule-Hide Tape Primer.
4. Fill any voids in the roof deck around the penetration(s) to prevent sealant from seeping through roof.
5. Remove cap from 0.5-gallon (2-liter) pouch and pour Thermoplastic One-Part Pourable Sealer directly into pocket. Fill pocket completely until rim is covered with Thermoplastic One-Part Pourable Sealer making sure all voids are filled.
 - To save unused sealant, squeeze air from pouch and replace cap. Unused sealant should be used within 30 days.
 - For best results maintain this product at room temperature before application.
 - For cold weather applications remove any frost or moisture from inside pocket using a hand held heat gun. Proceed with installation steps for the appropriate

PRECAUTIONS

Mule-Hide Thermoplastic One-Part Pourable Sealer contains ingredients that could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

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

TECHNICAL SERVICES

Contact Mule-Hide Products Co., Inc. at 608/365-3111 for additional information.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate. 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 make nor does it 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 except that it conforms to Mule-Hide's physical properties. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury to 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 complaint or failure before repairs are made.

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