



Product Data Sheet

MP LIQUID SEALANT

PRODUCT DESCRIPTION

Revision Date: May 2023

MP Liquid Sealant is a single component, non-shrink, advanced technology polyurethane sealant designed for filling pitch pans and sealing seams, endlaps, fasteners and flashings on metal roof systems prior to applying acrylic coatings.

It may be used in conjunction with ShapeShift™ straight and corner sections which can be combined to produce pitch pans of various sizes and shapes. It has adequate viscosity to avoid running on steep slope application and drain out issues that are encountered with less viscous sealers. MP Liquid Sealant is 100% solids which results in zero shrinkage. Temperature performance range is -40°F to +200°F.

PHYSICAL PROPERTIES

Property	Value*
Uncured Properties	
Appearance	Self-Leveling, Low Viscosity Paste
Standard Colors	White, and Black
Curing Mechanism	Moisture Curing
Viscosity	20,000-100,000 cps
Curing through volume (mm) (1 day at 23°C and 50% RH)	≥3
Density (g/cc)	1.49 +/- 0.3
VOC	15 g/l
Cured Properties	
Shore A	25 +/- 5
Tensile Strength (PSI)	≥200
Elongation	≥800 %
Low temperature flexibility	Properties retained to -75 ° F
*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

12oz sausage tubes packaged 20 per bucket

CODE APPROVALS

ASTM C-920, Type S, Grade P, Class 25 use T and M
Fed Spec TT-S-00230c, Class A, Type I
CAN/CGSB-19.13-M87, Class C-1-40-B-N and C-1-25-B-N

INSTALLATION INSTRUCTIONS

Preparation

All surfaces must be clean and dry prior to application.

MP Liquid Sealant

Application to fill Pitch Pans

1. Surfaces must be free of moisture, dirt and any contaminants. Any previously applied asphalt, caulking or sealants must be removed from the penetration.
2. Fill any voids in the roof deck around the penetration(s) to prevent sealant from seeping through the roof. Pourable sealer must be a minimum of 2" (50 mm) deep. All penetrations must be a minimum of 1" (25 mm) from sides of the pitch pan or sealer pocket.
3. Cut open sausages and pour MP Liquid Sealant Sealer directly into pocket. Fill pocket completely until rim is covered with MP Liquid Sealant making sure all voids are filled.

COVERAGE

As a penetration pocket filler:

A 6" sealant pocket will require approximately 3 sausage tubes. Specific coverage rates are based on sealant pocket size (Shape Shift, TPO molded) and will vary due to the number of penetrations within the pocket.

On Metal Panel roofs in conjunction with Acrylic coating:

1 gal/150 linear feet of seam and applied @ 1 gallon/ 350-450 fasteners

PRECAUTIONS

CAUTION: Do not take internally. If swallowed, do not induce vomiting. Keep out of reach of children. Read SDS prior to use.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause birth defects and/or reproductive harm.

CLEAN UP

Clean up with Naphtha

STORAGE & HANDLING

One year shelf life with proper storage.

Store in a cool dry place. High temperatures and high humidity during storage will shorten the product's shelf life.

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.

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