



## Product Data Sheet

# MP LIQUID SEALANT

### PRODUCT DESCRIPTION

Revision Date: Sept 2018

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. Available in 2 liter spout pouch packaging (4 per pail). Temperature performance range is -40°F to +200°F.

### PHYSICAL PROPERTIES

Property	Test Method	Value*
Viscosity	ASTM D 2196	200,000 cps
Solids by Weight	ASTM D 1644	100%
Solids by Volume	ASTM D 2697	100%
Weight per Gallon	ASTM D 1475	13 lbs.
Hardness – Shore A	ASTM C 661	31
Tensile Strength	ASTM D 2370	400 psi
Elongation	ASTM D 2370	400%
Movement	ASTM C 719	+/- 25%
Skin Time	ASTM C 679	30 Minutes
Tack Time	ASTM C 679	2 Hours
Flash Point	ASTM D 56	None
VOC	EPA 24/SCAQMD	8 g/l <3%

\*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.

### COLORS

White, Black and Gray

### Packaging

2 liter pouches (4 per pail)

### CODE APPROVALS

ASTM C-920, Type S, Class 25, Use NT, T, M G, A & O.  
Fed Spec TT-S-00230c, Class A, Type II  
Canadian Standards Board CAN 19, 13-m87

### INSTALLATION INSTRUCTIONS

#### **Preparation**

All surfaces must be clean and dry prior to application.

# MP Liquid Sealant

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## 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. Remove cap from 2-liter pouch 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:

One 0.5-gallon pouch (2-liter) will fill 122 cubic inches of volume within a sealant pocket. As an example, one 6" TPO, PVC or EPDM Sealant Pocket will require 0.23 gallons (0.87 liters) to fill completely (with no penetrations). Coverage rates are average and may vary due to jobsite conditions.

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**

Two 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](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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