



# Product Data Sheet

## JTS 1

### Joint & Termination Sealant

#### **PRODUCT DESCRIPTION**

JTS 1, a joint and termination sealant, is a fast curing, 100% solids, non-shrink, UV stabilized, performance sealant for use in multiple types of construction where significant movement or vibration is expected. Ideal for roof terminations and expansion joints. Adheres to wet surfaces and will cure under water. Contains no solvents, has minimal odor and less than 10 grams per liter VOC. Sealant has excellent adhesions to concrete, masonry, EPDM, PVC, wood, vinyl and most other common building materials. Mule-Hide Si TPO Primer is required for application to TPO membranes.

#### **TYPICAL PHYSICAL PROPERTIES \***

Typical Values*		
Viscosity	ASTM D 2196	1,500,000 cps
Slump	ASTM C 693	No Sag
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	32
Tensile Strength	ASTM D 2370	400 psi
Elongation	ASTM D 2370	400%
Movement	ASTM C 719	+/-35%
Skin Time	ASTM C 679	30 Minutes
Tack Free	ASTM C 679	2 Hours
Flash Point	ASTM D56	None
VOC	EPA 24	8 g/l / < 1.5%

\*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, Gray, Limestone, Medium Bronze, Wicker/Tan, Terra Cotta and Bronze

#### **PACKAGING**

10 oz. (296 ml) plastic cartridge

#### **BENEFITS & SUPPLEMENTAL STATEMENTS**

One-component product requires no mixing  
 Excellent adhesion to most substrates  
 Non-shrinking  
 Minimal odor, low VOC content

#### **CODE APPROVALS/COMPLIANCE**

ASTM C 920, Type S, Grade NS, Class 25, Use T, NT, M, G, A & O)  
 Fed Spec TT-S-00230c, Class A, Type II, Class B  
 Canadian Standards Board CAN 19, 13-M82

#### **COVERAGE RATES**

Coverage rate is approximately 25 lineal feet per 10 oz. cartridge for a ¼ inch bead.

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## **INSTALLATION INSTRUCTIONS**

1. JTS 1 is a one-component, ready-to-use material that requires no mixing or preparation.
2. Surface Preparation - Surfaces shall be dry, clean and free of all dust, or contamination, which may harmfully affect the adhesion of the sealant. TPO surfaces require priming with Si TPO Primer.
3. Maximum joint width is 2" and maximum recommend depth is 1". Use backer rod for deep joints to achieve max joint depth of 1".
4. A quality caulking gun should be used to ensure ease of application.
5. To use product cut tip to appropriate size and puncture the foil seal. A small orifice size and/or an incompletely punctured foil seal may cause material to extrude around the plunger.
6. Clean Up – Uncured sealant can be removed from work surfaces or tools with a solvent, such as naphtha. Use proper precautions when handling solvents. Cured sealant can be removed by cutting with a sharp-edged tool. Thin films of cured sealant can be removed by abrading.
7. JTS 1 is paintable after 24 hours.

## **PRECAUTIONS**

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

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

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## **STORAGE & HANDLING**

Store in a cool dry place. High temperatures and high humidity during storage will shorten product's shelf life. Shelf life is two years from date of manufacture when properly stored.

## **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.