



## Product Data Sheet

# JTS 1 (Ultra Clear)

### PRODUCT DESCRIPTION

JTS 1 (Ultra Clear) is a new generation, environmentally friendly product that replaces silicone and urethane sealants. JTS 1 (Ultra Clear) is designed for bonding and sealing a wide variety of building materials such as Kynar®, Galvalume®, painted surfaces, PVC, glass, steel, aluminum, tile, FRP, granite, marble, concrete, wood and many plastics. Cures fast and remains flexible, is non-sag and has exceptional resistance to weathering and temperature extremes.

### TYPICAL PHYSICAL PROPERTIES \*

Property	Typical Values*
Specific Gravity	1.04-1.06
Color	Clear
Skin Time @ 75°F & 50%RH	20-30 minutes
Cure Rate @ 75°F & 50%RH for 24 hours	0.125"
Hardness, Shore A	25
Viscosity (cps)	350,000-450,000
Sag	Nil
50% Modulus	27 psi
100% Modulus	50 psi
Tensile Strength	225 psi
Lap Shear	290 psi
% Elongation	250%
Service Temperature Range	-75°F to 250°F
Movement Capability	+25%
UV Resistance	Excellent
VOC Content	11 grams/liter

\*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

Clear

### PACKAGING

10 oz. (296 ml) plastic cartridge

- Paintable after one hour of application

### CODE APPROVALS/COMPLIANCE

- USDA accepted.
- Conforms to ASTM C920, Type S, Grade NS, Class 50, Use T, NT, G and A.

### 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.
3. A quality caulking gun should be used to ensure ease of application.
4. Cured product may be painted with most industrial & consumer paints. Testing prior to painting is recommended.

## **PRECAUTIONS**

- Some applications may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended.
- Use with adequate ventilation.
- Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician.
- Avoid repeated, prolonged contact with skin.
- See SDS for additional information.

KEEP OUT OF REACH FROM CHILDREN.

## **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.

## **STORAGE & HANDLING**

The product has shelf life of 12 months after production date in its original packaging (unopened) in a cool, dry place. For maximum shelf life, store unopened containers at temperatures not exceeding 80°F in cool, dry conditions. Keep away from wet areas, direct sunlight, and heat sources.

## **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**

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