



# Product Data Sheet

## MULE-HIDE EPDM BLACK LAP SEALANT

### PRODUCT DESCRIPTION

Mule-Hide EPDM Lap Sealant is a one-part, black, elastomeric sealant designed for sealing the exposed edge of field fabricated rubber membrane splices and laps.

### BASIC USES

Mule-Hide EPDM Lap Sealant is required for sealing EPDM seams and flashings against the effects of weathering when seam with Splice Adhesive or Single Seal Adhesive. Refer to the Mule-Hide EPDM Manual for appropriate use of Lap Sealant when seams and flashings are completed with Mule-Hide Tape Products.

### TYPICAL PHYSICAL PROPERTIES

Typical Properties and Characteristics	
Color	Black
Solids	63%
Flash Point	40°F (4°C) Tag Open Cup
Service Temp	-60°F to 180°F (-51°C to 82° C)
Specific Gravity	1.03
Cold Weather Flex	Excellent
Resistance to Staining	Excellent
Resistance to General Weathering	Excellent
Ozone Resistance	Excellent
Resistance to Ultraviolet Radiation	Excellent
Resistance to Slump	Very Good
Resistance to Water	Excellent
Resistance to Acid	Good
Resistance to Alkali	Good
VOC	365 g/l
Average Net Weight/gallon	8.58 lbs (1.03 Kg/l)
Packaging	25 tubes per carton
Shelf Life	1 year
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.	



### BENEFITS & SUPPLEMENTAL STATEMENTS

- Has consistency of cured rubber
- Expands and contracts with EPDM membrane
- Seals exposed edges of EPDM membrane and provides a durable barrier to weather extremes

### COVERAGE RATES

22' (6.7 m) per tube using a 5/16" (8 mm) diameter bead.  
Yield may vary due to job conditions.



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### INSTALLATION INSTRUCTIONS

1. All surfaces to be sealed with Black Lap Sealant must be firm, dry and free of oil, talc dust and other foreign materials.
2. After seams are completed with the proper splicing materials, clean the rubber to remove all foreign materials by wiping with a clean rag dampened with Weathered Membrane Cleaner. Note: Permeation resistant gloves (that meet ANSI/ISEA 105-2005) are recommended while using cleaner
3. Apply a 5/16" (8 mm) bead of Black Lap Sealant along the exposed edge of the membrane. There is no need to tool or feather the Black Lap Sealant.
4. Black Lap Sealant must be applied on all splice edges by the end of the working day. [Adhesive membrane splices must be allowed to age at least two hours before Black Lap Sealant is applied. In-Seam Tape splices between cured membrane and Un-Cured Flashing may be sealed immediately.]  
REVIEW CURRENT MULE-HIDE SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.

### PRECAUTIONS

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. Black Lap Sealants are FLAMMABLE. They contain petroleum distillates that are dangerous fire and explosion hazards when exposed to heat, flame or sparks. Store and use away from all sources of heat, flame or sparks. Do not smoke while applying. Do not use in confined or unventilated area. Vapors are heavier than air and may travel along ground to a distant ignition source and flash back. A red caution label is required when shipping.
3. Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
4. If swallowed, DO NOT INDUCE VOMITING. Call a physician immediately.
5. Avoid contact with eyes. Safety glasses or goggles are recommended. If contact with eyes occurs, immediately flush eyes with plenty of water for at least 15 minutes. Contact a physician immediately.
6. Avoid contact with skin. Wash hands thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water.  
Note: Permeation-resistant gloves (that meet ANSI/ISEA 105- 2005) are to be worn when using this product to protect hands from irritating ingredients.
7. Follow Carlisle's recommended splice instructions. DO NOT USE as splice cement between membranes.
8. Jobsite storage temperatures in excess of 90°F (32°C) may affect product shelf life. Should the Lap Sealant be stored at temperatures below 60°F (15°C), restore to room temperature prior to use.
9. By using an excessively wet solvent cloth while cleaning the splice edge, solvent may be left in the offset of the membrane sheets. To avoid causing this problem, use a damp rag and make sure the Weathered Membrane Cleaner is completely flashed off the area before Lap Sealant application.
10. If applied during periods of cold, dampness or high humidity, it is possible that evaporation of solvents will be substantially reduced, resulting in some slight membrane swelling. This would be further aggravated should the sealant be applied in an unusually heavy coat.
11. Coverage rates are average and may vary due to conditions on the jobsite.
12. KEEP OUT OF THE REACH OF CHILDREN.

### PROTECTION & SAFETY

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.



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### **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.