



# Product Data Sheet

## CAV-GRIP Low-VOC ADHESIVE/PRIMER

### PRODUCT DESCRIPTION

CAV-GRIP Low-VOC Aerosol Contact Adhesive/Primer can be used for a variety of applications: adhering TPO-c standard (non-fleece backed), TPO-c Fleece Back and PVC Fleece Back membranes to vertical walls, enhancing the bond between Mule-Hide's F5 Air & Vapor Barrier and various substrates, and priming unexposed asphalt prior to applying Helix adhesive for insulation attachment.

CAV-GRIP's Low-VOC, methylene chloride-free formula promotes tenacious adhesion and quick drying in a wide range of temperatures. Applied using a self-contained spray system that provides quick and even coverage, this system requires minimal cleanup or maintenance. Please note: cylinder, hoses, and gun are each sold separately.



### TYPICAL PHYSICAL PROPERTIES

Physical Property*	Typical Value
Color	White
Consistency	Aerosol Spray
Spray Pattern	Variable Web
Odor	Low
Base	Rubber/Solvent Blend
Solvent	Cyclohexane/Acetone
Primer Coverage	Single Sided – 1,200-1,500 sf.**
	Double Sided – 600 to 750 sf.**
Drying Time	5 minutes***
Adhesion	Excellent
Service Temperature	-30°F to 200°F
Flammability	Flammable when wet. Non-flammable when dry
Water Resistance	Excellent
Mildew Resistance	Excellent

LEED Information	
Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Lynchburg, VA
VOC	<80 g/L

PACKAGING	
Product	Size/Weight
CAV-GRIP	#40 Aerosol Cylinder Gross Weight: 30 lbs Fill Weight: 21 lbs adhesive
6' hose	6' length
12' hose	12' length
18' hose	18' length
Spray Gun with Nozzle	-
UN-TACK	#8 Aerosol Cylinder

\*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.

\*\*Approximate Coverage

\*\*\*Or more depending on climate conditions

### BENEFITS AND SUPPLEMENTAL STATEMENTS

- Quick application with spray gun
- Excellent option for adhering TPO-c Fleece Back, TPO-c standard (non-fleece back) and PVC Fleece Back membranes to vertical walls
- Fast set-up time (approximately 5 minutes)
- Can be used in temperatures as low as 25°F
- Easy cleanup
- Tenacious bond

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## INSTALLATION INSTRUCTIONS

1. Connect spray gun to hose and connect hose to cylinder. Use lithium grease or petroleum jelly on all fittings and be careful to avoid cross-threading. Open valve on cylinder to check fittings for leaks. Keep cylinder valve open to maintain pressure in the hose/spray gun when not in use.
2. CAV-GRIP can be applied at ambient temperature of 25°F and above. Propellant in cylinders must be kept above 60°F for the product to spray properly. Substrate shall be clean, dry, and free of debris and contaminants.
3. For applications taking place in ambient temperature below 60°F, store cylinders in heated space and move to project area during application. Cylinders must be kept warm on the jobsite with a heating pad. Dispense product from cylinder while it is still warm. When product in cylinder becomes too cold, it will begin to spit rather than spray. If this occurs, swap cold cylinder for warmer one and return cold cylinder to heated area. When changing cylinder, close the valve on the cylinder and depressurize the hose. Remove the hose and attach to the new cylinder. Open valve and do a test spray.
4. Apply CAV-GRIP in a thin, even coat to substrate (refer to the drawing below), keeping the spray gun approximately 12" away and perpendicular to the surface during spray. Avoid high thickness buildup.
5. Allow CAV-GRIP to dry until it does not transfer to finger when touched. Limit application of CAV-GRIP to surfaces that will be covered with membrane or Mule-Hide's F5 Air & Vapor Barrier the same day.

## VERTICAL APPLICATIONS OF TPO Fleece Back, TPO-c standard (non-fleece back) and PVC Fleece Back Membranes

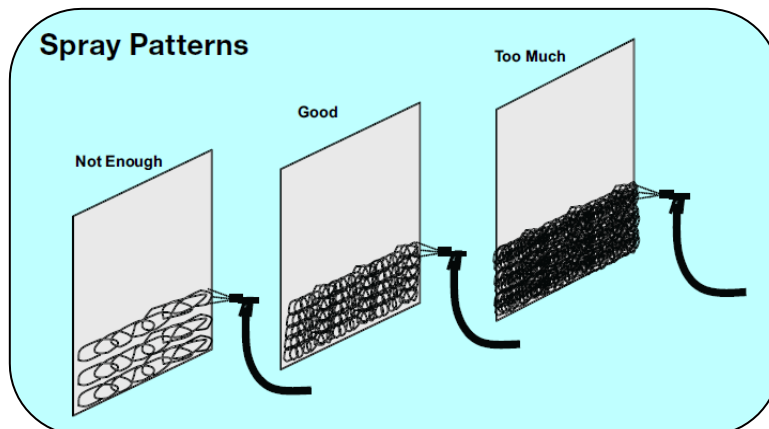
Acceptable substrates include brick, concrete block, wood, and approved insulation and coverboards. Application surface must be smooth, clean, dry, and free of fins, protrusions, sharp edges, loose and foreign materials, oil, and grease.

### **Height restrictions:**

TPO-c Fleece Back and TPO-c standard (non-fleece back) membrane – 8 feet

PVC Fleece Back – 4 feet

1. Spray wall, overlapping each pass by 50%.
2. Spray back of membrane, overlapping each pass by 50%.
3. Allow adhesive to become tacky but not overly dry; it should not transfer to fingers when touched.
4. Mate membrane with the wall from the center of the sheet towards the edges, smoothing by hand.
5. Broom the membrane with a stiff-bristle broom.
6. Roll in with a hand roller.



## CLEANUP

Safe solvent or mineral spirits can be used to clean tools and surfaces. If the spray gun valve becomes stuck, attach hose and spray gun to cylinder of Citrus Cleaner or UN-TACK™ and trigger spray gun repeatedly until operation is smooth. If the spray gun is clogged, a small-gauge wire or torch clean-out tool is helpful after soaking the brass fitting in UN-TACK.

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## **STORAGE AND HANDLING**

Store cylinders in protected, conditioned space with temperature maintained above 60°F. Do not store cylinders in areas where temperatures reach 110°F or higher. Contents are flammable. Store in accordance with local, state, and federal regulations. Keep cylinder valve open to maintain pressure in the hose and spray gun. Periodically spray in a safe manner to help prevent possible clogging. Keep spray gun trigger locked when not in use.

CYLINDER DISPOSAL: When all adhesive/primer in the cylinder has been used, close cylinder valve and evacuate hose and spray gun before disconnecting hose from cylinder. If hose is not to be connected to a new cylinder immediately, do not evacuate hose and spray gun to ensure material does not harden in spray gun and hose. Clean up adhesive/primer residue, spray gun, and spray tips with UN-TACK or mineral spirits. In most areas, the empty cylinder can be disposed as an aerosol can or recycled as scrap metal. If disposal is not allowed in your area, contact your distributor for disposal arrangements. Federal law forbids transportation if refilled.

*Review Mule-Hide specifications and details for additional installation information.*

## **PRECAUTIONS**

CAV-GRIP is a flammable liquid propellant and vapor: Keep away from open flame. Use with adequate ventilation. Avoid inhalation of spray mist or vapors. Harmful or fatal if swallowed. May cause eye irritation. Keep out of reach of children. Review Safety Data Sheet for complete safety information prior to use. Use of goggles and gloves is required. Aerosol cylinders are not refillable and when empty are harmless and disposable. Dispose according to local codes and laws. Read safety precautions and warnings on cylinder label. Wear gloves and goggles before using this product. Do not aim spray gun at people or animals at any time. PPE Gloves must be used while handling material.

**For industrial professional use only.**

\*Important note: cylinder, hoses, and gun are each sold separately

## **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. This product may be eligible for a Mule-Hide warranty, please check the Mule-Hide website at [www.mulehide.com](http://www.mulehide.com) or contact Mule-Hide directly at 800-786-1492 for details. 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.