



# AeroWeb

Low-VOC Aerosol Contact Adhesive



## PRODUCT DATA SHEET



### DESCRIPTION

MuleHide's AeroWeb Low-VOC Aerosol Contact Adhesive/Primer can be used for a variety of applications: adhering Fleece Back, Standard TPO, and EPDM membrane to vertical walls, enhancing the bond between MuleHide's F5 and various substrates, and priming unexposed asphalt prior to applying Helix Adhesive for insulation attachment.

AeroWeb'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.**

### PRODUCTIVITY BOOSTING FEATURES AND BENEFITS

- Quick application with spray gun
- Fast tack time
- No stirring
- Up to 60% labor savings compared to traditional bonding adhesive

### FEATURES AND BENEFITS

- Adhering Fleece Back (vertical application only)
- Can be used in temperatures as low as 25°F when used as an adhesive
- Can be used in temperatures as low as 15°F when used as a primer
- Easy setup
- Easy cleanup
- Low odor and Low-VOC

### ACCEPTABLE MEMBRANES AND APPLICATIONS

| Membrane      | Wall | Field |
|---------------|------|-------|
| TPO           | Yes  | Yes   |
| EPDM          | Yes  | Yes*  |
| PVC           | No   | No    |
| Fleece Back** | Yes  | No    |

\*Contact MuleHide Technical Department for project requirements

\*\*Not for use with TPO Fleece Back FR

### PACKAGING

| PRODUCT                      | SIZE/WEIGHT                                              |
|------------------------------|----------------------------------------------------------|
| AeroWeb                      | #40 Aerosol Cylinder<br>Fill Weight: 30 lbs. of Adhesive |
| 6' Hose                      | 6' Length                                                |
| 12' Hose                     | 12' Length                                               |
| 18' Hose                     | 18' Length                                               |
| Spray Gun Adjustable         | --                                                       |
| Spray Gun with 24" Extension | --                                                       |
| Low-VOC Un-Tack              | #8 Aerosol Cylinder                                      |

**Important Note: AeroWeb, Low-VOC Un-Tack, hoses and gun are each sold separately.**

### 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. AeroWeb can be applied at ambient temperature of 25°F and above. Propellant in cylinders must be kept above 70°F for the product to spray properly. Utilize power-heated blanket, and hot boxes when necessary. Substrate shall be clean, dry, and free of debris and contaminants.
3. For applications taking place in ambient temperature below 70°F, store cylinders in heated space and move to project area during application. Cylinders must be kept warm on the jobsite. 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 AeroWeb in an even coat to substrate (refer to the drawing on the next page), keeping the spray tip approximately 12" (30.5 cm) away and perpendicular to the surface during spray. Avoid high thickness buildup.



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5. Allow AeroWeb to flash-off until it does not transfer to finger when touched. Limit application of AeroWeb to surfaces that will be covered with membrane or MuleHide's F5 the same day.

#### Vertical Applications of Standard TPO & EPDM membrane, or any Fleece Back membrane\*: (\*Note: Not for use with TPO Fleece Back FR)

Acceptable substrates include: MuleHide Poly ISO roof insulation, Poly ISO 1-HD, DensDeck® Prime, SECUROCK®, OSB, plywood, metal, residual asphalt, and clean concrete block. To improve adhesion and reduce the potential for asphalt bleed-through on vertical surfaces with residual asphalt, apply an initial "sealing" base coat of AeroWeb and allow to flash off properly; then, apply a secondary coating of AeroWeb to the vertical surface.

There are no height restrictions when using AeroWeb for vertical applications if the appropriate membrane terminations are utilized.

1. Spray wall and back of the membrane, utilizing a 50% overlapping spray pattern.
2. Do not apply adhesive to splice areas.
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 soft-bristle broom.
6. Roll in with a hand roller.

#### Horizontal Application of Standard TPO, Standard EPDM and White-on-Black EPDM membranes

Acceptable substrates include: MuleHide Poly ISO roof insulation, Poly ISO 1-HD, DensDeck Prime, SECUROCK, OSB, and plywood. Please see MuleHide's TPO Specification for a complete list of acceptable substrates.

The surface, on or against which adhesive is to be applied, shall be clean, smooth, dry, free of films, sharp edges, loose and foreign materials, oil and grease. Depressions greater than 1/4" (6 mm) should be feathered, using epoxy, mortar or other approved patching material. All sharp projections shall be removed by sweeping, blowing or vacuum cleaning.

Application shall be continuous and uniform, avoiding globs or puddles.

1. Spray substrate and back of the membrane with enough overlap to ensure 100% coverage (2"-3" of overlap).
2. Do not apply adhesive to splice areas.
3. Allow adhesive to become tacky but not overly dry; it should not transfer to fingers when touched.
4. Roll the membrane onto the adhesive-coated substrate while avoiding wrinkles. Immediately brush down the bonded portion of the sheet with a soft-bristle push broom, and then roll the membrane with a clean, dry roller (minimum 75 lb. to maximum 150 lb.) to achieve maximum contact.

Review MuleHide specifications and details for complete installation information.

#### CLEAN UP

UN-TACK™ 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.

#### STORAGE AND HANDLING

Store cylinders in protected, conditioned space with temperature maintained above 70°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. Flush gun and hose with UN-TACK for long-term storage beyond 30 days.

#### TYPICAL PROPERTIES AND CHARACTERISTICS

| PHYSICAL PROPERTY   | TYPICAL VALUE                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color               | Light Green                                                                                                                                                                                   |
| Consistency         | Aerosol Spray                                                                                                                                                                                 |
| Spray Pattern       | Variable Web                                                                                                                                                                                  |
| Odor                | Low                                                                                                                                                                                           |
| Base                | Rubber/Solvent Blend                                                                                                                                                                          |
| Solvent             | Cyclohexane/Acetone                                                                                                                                                                           |
| Coverage Rate       | 1-Sided Primer - 2,000-2,500 ft <sup>2</sup> when used with air and vapor barriers*<br>2-Sided Adhesive - Walls - 1,000ft <sup>2</sup> *<br>2-Sided Adhesive - Field - 1,000ft <sup>2</sup> * |
| Tack Time           | 5 minutes**                                                                                                                                                                                   |
| Adhesion            | Excellent                                                                                                                                                                                     |
| Service Temperature | -30°F-200°F (-34°C to 93°C)                                                                                                                                                                   |
| Flammability        | Flammable when wet. Non-flammable when dry.                                                                                                                                                   |
| Water Resistance    | Excellent                                                                                                                                                                                     |
| Midew Resistance    | Excellent                                                                                                                                                                                     |
| Shelf Life          | 12 months (unopened container)                                                                                                                                                                |

\*Approximate Coverage

\*\*or longer depending on climate conditions

#### LEED INFORMATION

|                                |               |
|--------------------------------|---------------|
| Pre-consumer Recycled Content  | 0%            |
| Post-consumer Recycled Content | 0%            |
| Manufacturing Location         | Lynchburg, VA |
| VOC                            | 248 g/L       |



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#### PRECAUTIONS

AeroWeb is a flammable liquid propellant and vapor. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from the material handling point and flashback. 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.

#### CYLINDER DISPOSAL

When all adhesive 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 residue, spray gun, and spray tips with PVC 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.

#### PROTECTION & SAFETY

MuleHide 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. MuleHide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using MuleHide products in your facilities.

For industrial professional use only.

#### ADDITIONAL INFORMATION

On projects where a MuleHide Standard or Premium Warranty is requested, an authorized MuleHide representative shall inspect all completed work.

The information given on this PDS is subject to change without notice. Always check the MuleHide website at [www.mulehide.com](http://www.mulehide.com) for the latest information, changes and updates or contact MuleHide at 800-786-1492.

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