



AeroWeb PVC

Low-VOC Aerosol Contact Adhesive



PRODUCT DATA SHEET



DESCRIPTION

MuleHide's AeroWeb PVC is a low-VOC Aerosol Contact Adhesive that can be used for a variety of applications: adhering PVC bareback membranes to a variety of horizontal substrates and vertical walls, and adhering Fleece Back membranes to vertical surfaces. AeroWeb PVC cannot be used with any KEE bareback membranes.

AeroWeb PVC's low-VOC 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 35°F
- Easy setup
- Easy cleanup
- Low odor and Low-VOC

ACCEPTABLE MEMBRANES AND APPLICATIONS

Membrane	Wall	Field
TPO	No	No
EPDM	No	No
PVC (bareback)*	Yes	Yes
KEE	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 PVC	Aerosol Cylinder, 12" dia. x 18" tall Weight: 41 lbs. of Adhesive
6' Hose	6' Length
12' Hose	12' Length
18' Hose	18' Length
Spray Gun Adjustable	--
Spray Gun with 24" Extension	--
PVC Un-Tack	#8 Aerosol Cylinder

Important Note: AeroWeb PVC, PVC 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 PVC can be applied at ambient temperature of 35°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. Ensure that cylinder temperatures stay below 110°F. 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 PVC 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 PVC to flash-off (roughly 5 – 7 minutes depending upon ambient temperature). Once flashed off, adhesive will have little to no tackiness and provides an application window of roughly 15-20 minutes depending upon ambient temperature. Limit application of AeroWeb PVC to surfaces that will be covered with membrane.

Vertical Applications of bareback PVC 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 PVC and allow to flash off properly; then, apply a secondary coating of AeroWeb PVC to the vertical surface. Contact MuleHide Technical Department before using on substrates other than those recommended above.

There are no height restrictions when using AeroWeb PVC 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 flash off with little to no tackiness; 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 bareback PVC Membranes

Acceptable substrates include: MuleHide Poly ISO roof insulation, Poly ISO 1-HD, DensDeck Prime, SECUROCK, OSB, and plywood. Please see MuleHide's PVC 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 to be hot-air welded.
3. Allow adhesive to flash off with little to no tackiness; 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

PVC 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 PVC 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 PVC 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 PVC UN-TACK for long-term storage beyond 30 days.

TYPICAL PROPERTIES AND CHARACTERISTICS

PHYSICAL PROPERTY	TYPICAL VALUE
Color	Burnt Orange
Consistency	Aerosol Spray
Spray Pattern	Variable Web
Odor	Low
Base	Synthetic Rubber/Resin Blend
Solvent	Acetone
Coverage Rate	1-Sided Primer - 1,500-2,000 ft ² * 2-Sided Adhesive - Walls - 400ft ² * 2-Sided Adhesive - Field - 750ft ² *
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



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LEED INFORMATION

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

PRECAUTIONS

AeroWeb PVC 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 for the latest information, changes and updates or contact MuleHide at 800-786-1492.

DISCLAIMER

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