



LOW VOC SOLVENT BASED MEMBRANE ADHESIVE

TECHNICAL DATA SHEET

1-888-824-4455 | info@true-seal.com | www.true-seal.com

Low VOC Solvent Based Membrane Adhesive adheres PVC and modified PVC membranes to polyisocyanurate insulation board, metal, wood, masonry and many other re-cover boards and decking materials. Performance should be confirmed on the specific PVC membrane to be installed.

- Fast drying.
- Good open time.
- Easily applied over wide temperature range.
- Plasticizer resistant.
- Superior heat resistance.
- Excellent green strength.
- Outstanding long term durability
- California Rule 1168, VOC Compliant

Typical Liquid Properties at 77°F * (25°C)	
Base	Synthetic Polymer
Color	Amber
Solids by Weight, %	29 ± 1
Viscosity, cps, Brookfield, RVT Spindle No.3 @ 20 rpm	2,600 ± 800
Specific Gravity	0.923
Pounds per Gallon	7.69
Flash Point, °F (Seta Flash)	Less than 0
Estimated Coverage	50 - 70 sq ft/gal, 2 - 2 1/2 dry mils coated both sides
VOC, g/L	Less than 250

*Typical Values: Based on material tested in our laboratories but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

Method of Application

Low VOC Solvent Based Membrane Adhesive should be applied at temperatures of 40 °F (4 °C) or above. Applying the adhesive at temperatures below 40 °F (4 °C) will extend drying times and potentially cause the condensation of water on the adhesive film producing lower ultimate bond strengths. If Low VOC Solvent Based Membrane Adhesive has been stored below 40 °F (4 °C), store the adhesive at room temperature 72 °F (22 °C) for at least three days before using. Materials to be bonded should be clean, dry, and free from contaminants. Stir adhesive thoroughly before use. Apply adhesive by roller to the roof deck and membrane at the specified coverage rate. Allow the bonding adhesive to dry 15 to 30 minutes or until knuckle-dry before assembly. Mate with adequate pressure to insure contact of all bonding areas.



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Notes

Always stir adhesives thoroughly prior to use. The adhesive must be allowed to dry thoroughly. If membrane is mated with the substrate prior to the adhesive being dry, blistering will occur and not subside over time.

Handling and Safety

Low VOC Solvent Based Membrane Adhesive contains ingredients that could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn. All five-gallon pails and larger metal containers should be grounded and/or bonded when material is transferred. 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, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use a welding or cutting torch on or near drum (even empty) because product (even residue) can ignite explosively.

TRUE SEAL™ maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using TRUE SEAL™ products in your facilities.

Storage and Shelf Life

When Low VOC Solvent Based Membrane Adhesive is stored indoors, out of direct sunlight, and in the original, unopened container between 60°F (16°C) and 80°F (27°C), the shelf life is six months. Always rotate stock.

DOT Label Requirements

Flammable Liquid UN 1133

Notice

All information presented herein is believed to be accurate and reliable, and is solely for the user's consideration, investigation and verification. The information is not to be taken as an express or implied representation or warranty for which TRUE SEAL™ assumes legal responsibility. Any warranties, including warranties of merchantability, fitness for use or non-infringement of intellectual property rights of third parties, are herewith expressly excluded. Since the user's product formulations, specific use applications and conditions of use are beyond the control of TRUE SEAL™, TRUE SEAL™ makes no warranty or representation regarding the results which may be obtained by the user. It shall be the sole responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application. TRUE SEAL™ requests that the user reads, understands and complies with the information contained herein and the current Safety Data Sheet.