

PRODUCT DATA SHEET
RUBBERALL® Low VOC
Neoprene Bonding Adhesive



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Description: RUBBERALL® Low VOC Neoprene Bonding Adhesive is designed for use with EPDM and TPO membranes to adhere to insulation boards such as ISO and wood fiber boards, metal, masonry and approved roofing substrates. It may also be used as a general contact bond adhesive for both vertical and horizontal surfaces. It is especially formulated for use in OTC state with Low VOC requirements. May dry faster than regular bonding adhesives due to the solvent content. May be applied using brush, or roller.

Suggested Uses: To adhere RUBBERALL® membrane to insulation board (except polystyrene), plywood, OSB (Oriented Strand Board), one-half inch (1/2") high density wood fiber board, and concrete.

Sizes: Low VOC Neoprene Bonding Adhesive is available in 5-gallon pails and also 1-gallon cans. (4 gallons per carton).

General: Care must be taken to ensure adequate adhesive coverage when using on some substrates with irregular surface patterns. Stir well before use. Warm to room temperature before use to promote easier application.

Physical Properties

Property Type	
Color	Neutral to Translucent yellow
Density (#/Gal.)	7.89#
Flash Point (F)	3.9 (F) TCC
Solvent System	Aromatic and ester
Viscosity (cps)	#3 @ 20 rpm=2000 cps +/- 400 cps
% solids	22% +/- 2%
Base	Neoprene rubber and resin(s)
Clean-up Solvent	Methyl acetate

Hazards: Extremely Flammable. Avoid repeated skin contact or the breathing of concentrated vapors. Use protective equipment. Use in well ventilated areas away from heat, sparks, fire, flame and ignition sources. Vapors are heavier than air and may travel a considerable distance to an ignition source and flash back. Do not inhale vapors above TLV as listed on the SDS.

Application Instructions:

1. Be sure all surfaces to be bonded are clean, including removing any excess talc on sheet stock. Use Rubberall® Membrane Cleaner on a brush or cloth to clean substrate or membrane, if required.
2. Thoroughly stir the Bonding Adhesive before every use. May be warmed to room temperature before use to promote easier application.
3. Apply a thin coat to both surfaces to be mated (at a rate of approx. 60 sq. ft. of roof area per gallon). Let dry until it is tacky to the touch – does not stick to a dry finger touch. This could take 5 to 60 minutes, depending upon the ambient temperature and humidity.
4. Mate both surfaces and apply mild pressure. Once the surfaces are mated, it will not be possible to reposition them without breaking the bond. Membrane should be rolled or broomed in when completed. *CAUTION:* Keep bonding adhesive out of the seam areas at all times!

Handling: RUBBERALL® Low VOC Neoprene Bonding Adhesive contains ingredients that could be harmful if mishandled. Contact with eyes and skin should be avoided and protective equipment and clothing should be worn. Avoid prolonged skin contact.

Recommended Storage: RUBBERALL® Low VOC Neoprene Bonding Adhesive can be stored outside if protected from water; however, it is recommended to store in unopened cartons at temperatures between 60° F and 80° F. The recommended shelf life is 12 months.

Freight Classifications: 1-gallon cans – UN1133, ADHESIVES, 3 PGII, NMFC# 170060, Class 60
5-gallon cans – UN1133, ADHESIVES, 3 PGII, NMFC# 44500, Class 92.5

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

User's Responsibility

This Product Data Sheet cannot cover all possible situations which the user may experience during product application/processing. Each aspect of your operations should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers, along with the applicable MSDS sheet. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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