

720-LVOC

Contact Adhesive – Amber

Low VOC/Environmentally Friendly
Meets SCAQMD 1168 VOC
Emissions Regulations

Made in
the U.S.A.



DESCRIPTION

720-LVOC Contact Adhesive is an air-drying solvent-based synthetic elastomer contact adhesive that is excellent for joining seams and butt joints of elastomeric & polyolefin pipe and Sheet Insulation. It is amber in color for excellent aesthetics. 720-LVOC Contact Adhesive forms a tough, flexible moisture- and heat-resistant bond when used with elastomeric products. 720-LVOC Contact Adhesive's higher solids content allows it to be applied easily without running. It is ideal for bonding porous and non-porous materials, as it will not be absorbed easily. 720-LVOC Contact adhesive also meets Southcoast Air Quality Management Rule 1168 (SCAQMD) VOC emission regulations.

Caution: Adhesive contains notable solvents and container, when not in use, should be kept closed. Keep adhesive away from sparks and open flames. Use with adequate ventilation and avoid excessive contact with the skin.

USES

720-LVOC Contact Adhesive may be used for bonding elastomeric and polyolefin products to a variety of materials (i.e., other elastomers, metal, wood, leather, felt, concrete, etc.). The adhesive will make a resilient and heat-resistant bond. It is suitable for line temperatures up to 220°F (104°C) on applications requiring bonded seams and joints. When the adhesive is applied to large flat or curve surfaces, it is suitable for temperatures up to 200°F (93°C). The product is supplied in a variety of sizes ranging from pint brush top containers to gallon containers. Larger containers are available upon request.

APPLICATION INSTRUCTIONS

For proper adhesion, the surfaces to which the insulation is to be applied must be thoroughly cleaned, dry, and unheated. Primed and painted surfaces should be adhesive tested to be sure the insulation will not lift off after application. The adhesive should be thoroughly mixed. Brush or roll a thin even coat of

adhesive on both surfaces to be joined. Allow the adhesive films to become dry to the touch, but tacky, before joining the surfaces. Press the two surfaces together. Be sure the insulation is in the desired position before the adhesive surfaces make initial contact, since the adhesive forms an instant bond, and repositioning after contact is difficult. Moderate pressure should then be applied to the entire bonding area to insure complete contact. Avoid heat, sparks, and open flames, and use only proper ventilation. Close container after use. 720-LVOC Contact Adhesive should be applied at above 40°F (4°C) temperatures, and allowed to dry for 24 hours before equipment operation. Protective coatings can be applied to applications with bonded joints and seams, after allowing 24 hours dry time. Applications such as large tanks, or vessels where full adhesive coverage is required, must be allowed to dry 7 days prior to applying a protective coating.

Thinning the adhesive is not recommended. Common lacquer thinners (Acetone, Ethyl Acetate can be used for clean up).

Physical Properties

Color	Amber	Base	Synthetic Elastomet
Solvents	Acetone	Odor	Pungent Solvent
Viscosity	Medium Syrup (3,500 cP)	Solid Content	31% ± 2%
Weight per gallon	7.2± .2 lbs.	Coverage	320 sq. ft. per gallon (one surface)
Shelf Life	6 months in original sealed container. • Storage temperature 60°F		
Minimum Dry Time	2-4 minutes under normal conditions (1-10 minutes depending on conditions)		
Open Time	Not to exceed 10 minutes		
Temperature Limits	220°F (104°C) for pipe insulation seams and joints 200°F (93°C) for full bonding sheets		
Chemical Resistance	Resistant to moisture, aliphetic solvents, and oils		
VOC (Theoretical method)	0 gram/liter		
Flash Point	0°F		
Freight Classifications	Adhesives NOS. Flammable Liquid 4620 Sub 5, class 60, Un 1133, IMDG class 3.1 PG:II (Packaging Group)		
Meets EPA 40 CFR - 59 sub part 1			

