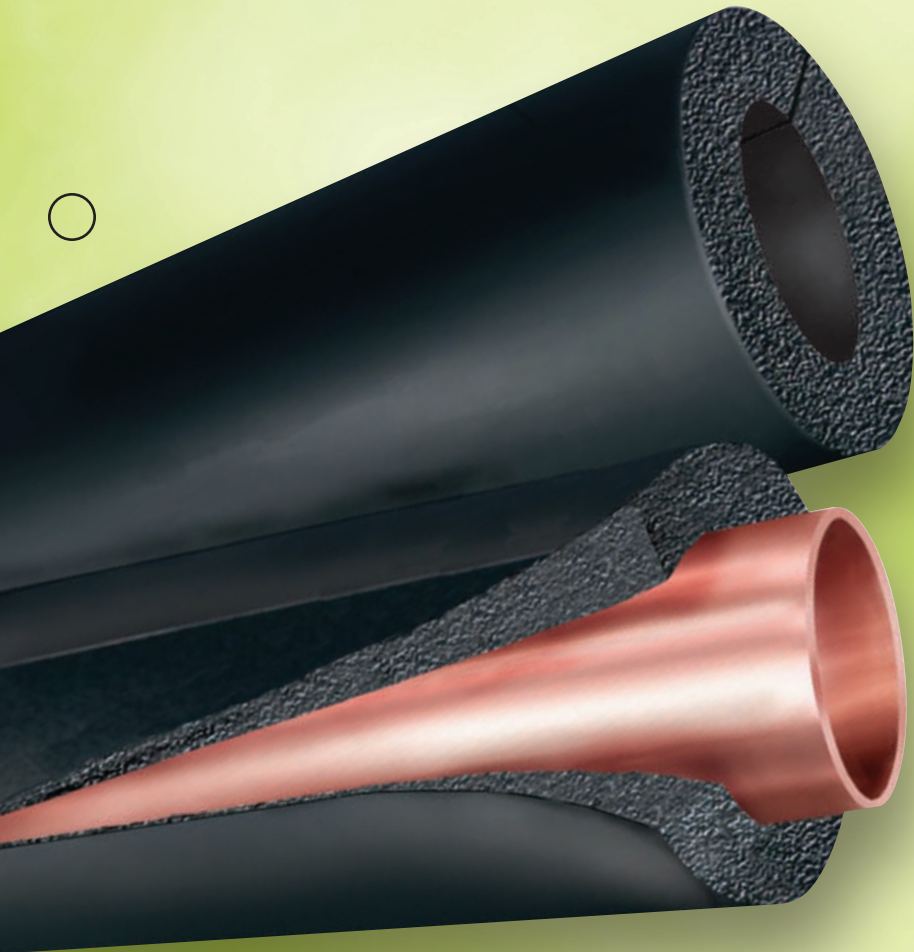


SUBMITTAL

AEROCEL[®]

Aeroseal LVOC Adhesive



Aeroseal LVOC

A high quality product

BLACK

Important Notice:

This special purpose contact adhesive is for professional and industrial use only. The consumer product safety commission prohibits the sale of this adhesive to consumers for personal use in containers exceeding 1/2 pint.

AEROCEL®

Aeroseal LVOC Adhesive

Description

Aerocel® Aeroseal LVOC adhesive is a synthetic rubber base contact adhesive formulated for bonding Aerocel® insulating materials firmly together as well as bonding Aerocel® insulation to other substrates. Aeroseal LVOC adhesive is specially formulated to meet the VOC content requirement of LEED® for special purpose contact adhesives and SCAQMD Rule 1168. Bonding of non-rigid substrates that undergo dimensional changes in use is excellent with Aerocel® Aeroseal LVOC adhesive. Aeroseal LVOC creates strong seams and butt joints that will operate at temperatures up to 300°F. Aeroseal LVOC may also be used for adhering sheet insulation to flat and curved surfaces that will operate at temperatures to 300°F. Aeroseal LVOC adhesive has a high moisture and water vapor resistance and weathering resistance to prevent moisture from penetrating joints, forming a permanent bond to the applied surface for long lasting service.

Properties*

| TYPICAL PROPERTIES | |
|--|------------------|
| VOC CONTENT, g/L(less water), SCAQMD Rule 1168 | ≤ 250 |
| Time To Tack (Dry Time): | 5-10 Minutes |
| Base | Synthetic Rubber |
| Color | Black |
| Solids, % by Weight | 21%, ±2% |
| Solvent Formulation | Ketone |
| Viscosity, cps | 800, ± 400 |
| Specific Gravity | .863 |
| Weight Per Gallon, Lbs. | 7.2 |
| Flash Point (SETA) | < 0°F |
| Coverage | ~200 S.F./Ga |
| Application Temperature | 40°F to 100°F |
| Service Temperature | -60°F to 300°F |
| Storage Temperature | 60°F to 80°F |

*This information is provided as a technical service and is subject to change without notice.

Shelf Life: 1 year in conditioned storage

Directions for Use

Aeroseal LVOC adhesive may be applied by using a short, stiff-bristled brush, short-nap roller, knife/blade, spray, or dipping. Mix contents thoroughly before use. Thinning is not recommended.

For best bonding results with Aeroseal LVOC, both surfaces must be dry and clean of any contamination, including oils or moisture, before applying adhesive. Under conditions where condensation may accumulate on surfaces that Aerocel insulation is being applied to, any condensation must be removed before applying the adhesive to the surface.

Apply a thin, even coat of Aeroseal LVOC adhesive to both surfaces to be bonded. Allow to dry, but still tacky to the touch. Aeroseal LVOC will bond immediately upon contact, so it is necessary to position pieces accurately as contact is made.

Moderate pressure should be applied over the entire area to assure that contact is complete. It is recommended that the adhesive not be open for more than 10 minutes at a time and be applied only at temperatures above 40°F. Application below 40°F is not recommended. Where application is in an area that will operate at higher temperatures, it is recommended that the adhesive be cured a minimum of 36 hours to attain heat resistance to the temperatures stated in the description paragraph of this publication. For elevated temperature service, improved heat resistance is gained from prolonged heating after curing.

Although Aerocel® insulation does not require protective coating, if coating is applied, all bonded joints should be allowed to cure for at least 24 to 36 hours. When sheet material is installed requiring full surface coverage of adhesive, it is recommended the insulation be allowed to cure for one full week before coating is applied.

Clean Up

Acetone can be used to clean tools and surfaces to remove Aeroseal LVOC adhesive.

Danger

Extremely flammable. Vapors from this product may ignite or cause flash fires. Use only in well ventilated areas, with all windows and doors open. Do not expose to heat, sparks or open flames. Take precaution in exposure to any heat source. Extinguish all flames, pilot lights, heaters, stoves or electric motors. Do not smoke in area of usage. Close container immediately after use. Do not inhale vapors for prolonged periods of time or allow prolonged contact with skin. Do not take internally and keep away from children. Not for consumer use. This product is sold only for professional or industrial applications.

WARNING: Aeroseal LVOC adhesive may dissolve some plastics, foams, and painted surfaces. Test a small area for compatibility on such materials before continuing use.

Read all warnings on label carefully before use.



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