

Product Data Sheet

No. **38178** - 05/23

EPS FOAM/CONCRETE ADHESIVE

AEROSOL CARB VOC <65% (POLYSTYRENE FOAM ADHESIVE)

PRODUCT NUMBERS: 8178 - 14 OZ. NET WT. AEROSOL

I. GENERAL DESCRIPTION

Description: 8178 EPS Foam/Concrete Adhesive is a high-strength, industrial grade, pressure sensitive, upside down (inverted) spray adhesive. Provides fast tacking and extra-strong bonding or laminating of expanded polystyrene (EPS). The product is flexible for adhesion to smooth or rough substrates and will not damage EPS, such as pitting or melting. Blue colored spray visually confirms even application. Aervoe 8178 will provide temporary, light-duty, performance or give a permanent bond for heavy-duty applications.

Benefits: Formulated to bind both porous and nonporous surfaces. Quick setup and inverted spray allows for faster construction times. This industrial formula will resist UV, heat, and water damage. Created for the user by providing a stain free product that has a tolerable odor.

Applications: Aervoe EPS Foam/Concrete Adhesive can be used throughout general industry and construction for bonding EPS to concrete and other EPS surfaces.

Directions: Test small area to ensure surface compatibility. Shake well before use. Spray 8 to 14 inches from surface and apply a uniform and complete coverage of adhesive. Avoid adhesive buildup or puddles. For permanent bonding spray both surfaces and allow 2 minutes for solvent evaporation. Bond together with firm pressure to entire surface area. For optimal results, use at 70°F (21°C). Prior to storing can, clear tip by spraying upright for 3 seconds and wipe off excess material. Wear gloves to avoid contact with skin. If contact occurs, let adhesive dry then rub off or use 8260 Heavy Duty Citrus Cleaner/ Degreaser sprayed onto a cloth to remove the adhesive. As this is a high-strength adhesive, be sure to protect areas from overspray. Clean overspray with #8260 as directed above.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:

Cans (20 oz.)
12 cans/case

14 oz. net wt. (397 grams)
15 lbs. (6.8 kg)

17.3 fl. oz. (510 ml)
0.55 CF (0.016 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications:

None

Appearance:

Opaque liquid

Color:

Blue

Odor:

Moderate

Dry Schedule:

4 minutes tack time

Performance and Chemical Properties:

Weight per gallon 7.07 lbs. (conc. only)
Specific gravity 0.85
Flammability: Label marking Extremely flammable
Flash point..... <0° F (-18° C)
Operating temperature range..... 60° to 100°F (15° to 38°C)
Active ingredients by weight..... 25%
CARB VOC limit (polystyrene foam adhesive)..... <65%

Base Materials

Adhesive Synthetic Elastomer
Solvents (top two) Mineral Spirits, Hexane
Propellant system..... Dimethyl Ether

III. SHIPPING, STORAGE AND HEALTH

UN number UN1950
Proper Shipping Description Aerosols
Hazard Class 2.1
Packing Group N/A
Limited Quantity Yes
Warehouse storage level number NFPA 30B Level 3
Storage temperature 40° to 120°F (4° to 49°C)
Shelf life 1 to 2 years

HMIS ratings

Health 2
Fire 4
Reactivity 1

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.