

Product Data Sheet

No. **38178** - 06/12

EPS FOAM/CONCRETE ADHESIVE

EPA VOC <75%

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

I. GENERAL DESCRIPTION

Description: 8178 EPS Foam/Concrete Adhesive (as compared to 3M's #78 which is not inverted) is a high-strength, industrial grade, pressure sensitive, upside down spray (inverted) 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. 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 can 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 8141 Adhesive Remover sprayed onto a cloth to remove the adhesive. As this is a high-strength adhesive, be sure to protect areas from overspray. Clean over spray with 1645 Roof Tar and Adhesive Remover.

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

Packaging:

Aerosol:

Cans (211x713)
12 cans/case

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

17.5 fl. oz. (517 ml)
0.55 CF (0.016 CM)

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	6.41 lbs. (conc. only)
Specific gravity	0.77
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%
EPA VOC limit	<75%

Base Materials

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

III. SHIPPING, STORAGE AND HEALTH

	Aerosol
IMDG number.....	UN 1950
D.O.T. container spec.....	2P
D.O.T. shipping description	Consumer Commodity
Warehouse storage level number	NFPA 30B Level 3
Hazardous class (CFR-49).....	ORM-D
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

The statements made herein, on labels, product bulletins or by any of our employees or agents concerning this material are given for information only. Any liability whatsoever of Aervoe Industries, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.

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