

# Product Data Sheet

No. **38177** - 02/24

## INDUSTRIAL ADHESIVE

Aerosol VOC (mist spray): < 30% (CARB compliant)

PRODUCT NUMBERS: 8177 - 14 OZ. NET WT. AEROSOL

### I. GENERAL DESCRIPTION

**Description:** Aervoe Industrial Adhesive (as compared to 3M's #77CA) is formulated for permanent or temporary bonding of materials to painted, unpainted, smooth, or rough surfaces.

**Benefits:** Its quick drying, colorless & flexible adhesion is excellent for bonding porous and nonporous surfaces. Provides a secure bond for most lightweight materials, and has immediate grab with low soak-in characteristics. The adhesive stays on the surface rather than soaking into the material for a stronger bond and more coverage per can. Contains no chlorinated solvents or ozone depleting substances.

**Applications:** Use for label application and bonding cardboard, paper, most rubber and plastic, fiberglass and cloth. Use on weather stripping, insulation, asbestos containment and removal. Can be used in the home, office, or work station.

**Directions:** Align spray tip with mark on valve rim to ensure complete evacuation of contents. Test small area first to assure surface compatibility. Shake well before use. Spray in a side-to-side motion 8 to 10 inches from surface. Do not over saturate. To clear the tip and prepare for storage, turn can upside down and spray for two seconds.

*Temporary bonding:* use a very light coat of adhesive, remove and reapply within 30 seconds without pressure.

*Permanent bonding:* for paper, wood, and other porous surfaces, spray both surfaces as needed and allow 1 to 2 minutes for tack development, then bond and maintain firm pressure. For nonporous surfaces, coat both surfaces lightly with less time for tack development before bonding. Allow 30 minutes dry time before subjecting bond to stress. Do not use on electrical equipment or machinery while in use.

Clean overspray with #8260 Heavy Duty Citrus Cleaner/ Degreaser applied to a clean rag.

**Limitations:** Please refer to the Safety Data Sheet for specific information on material hazards, etc. Do not use on vinyl-coated materials or Styrofoam. Pretest substrate for compatibility.

#### Packaging:

#8177 Aerosol:	Cans (20 oz.)	14 oz. net wt. (397 grams)	15.9 fl. oz. (469.4 mL)
	12 cans/case	15 lbs. (6.8 kg)	0.55 CF (0.016 CM)

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## II. CHARACTERISTICS & PROPERTIES

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### Specifications:

Mist spray pattern, and repositionable. #8177 meets EPA/OTC and California CARB VOC regulations for mist spray adhesives with less than 30% VOC.

### Appearance:

Opaque liquid

### Color:

White

### Odor:

Mild

### Drying Schedule:

1 minute tack time. Repositionable < 3 minutes.

### Performance and Chemical Properties:

Weight per gallon .....	7.63 lbs/gallon
Specific gravity .....	0.91
Flammability: Label marking .....	Extremely flammable
Flash point.....	<0°F (-18°C))
Operating temperature range.....	50° to 90°F (10° to 32°C))
Delamination temperature range.....	150° to 160°F (66° to 71°C)
Active ingredients by weight.....	13%
VOC content (mist spray adhesive) .....	<30%
Spray rate (@ 70° F).....	1.8 grams/second
Vapor pressure.....	47-67 psi @ 70°F (27°C) (est.)

### Base Materials:

Adhesive .....	Synthetic Elastomer
Solvents (top two) .....	Methyl Acetate, Acetone
Propellant.....	Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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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 2
Storage temperature .....	32° to 120°F (0° to 49°C)
Shelf life .....	1 to 2 years

### HMIS ratings

Health .....	2
Fire .....	3
Reactivity.....	0

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## IV. MISCELLANEOUS

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

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## V. WARRANTY

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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.