

# Product Data Sheet

No. **38177** - 06/12

## INDUSTRIAL ADHESIVE

Aerosol VOC < 65% (Mist Spray)

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

### I. GENERAL DESCRIPTION

**Description:** 8177 Industrial Adhesive (as compared to 3M's #77) 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 head with mark on valve rim to ensure complete evacuation of contents. Test small area first to assure surface compatibility. Shake can well before use. Spray in a circular 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 only one surface and join with pressure while adhesive is wet. For nonporous surfaces, coat both sides and allow two minutes for tack development, then bond with firm pressure. Allow 30 minutes dry time before subjecting bond to stress. For use in manufacturing facilities. Do not use on electrical equipment or machinery while in use.

Clean overspray with 1645 Roof Tar and Adhesive Remover.

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

#### Packaging:

Aerosol:

Cans (211x713)  
12 cans/case

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

18.1 fl. oz. (537.7 ml)  
0.55 CF (0.016 CM)

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## II. CHARACTERISTICS & PROPERTIES

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### Specifications:

Mist spray pattern, repositionable and meets CARB VOC regulations for mist spray adhesives with less than 65% VOC.

### Appearance:

Opaque liquid

### Color:

White

### Odor:

Mild

### Drying Schedule:

1 minute tack time. Repositionable < 3 minutes.

### Performance and Chemical Properties:

#### Aerosol

Weight per gallon .....	6.3 lbs/gallon
Specific gravity .....	0.75
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.....	18%
CARB VOC limit (Mist Spray Adhesive) .....	<65%
Spray rate (10 sec. @ 70° F) .....	25 grams
Vapor pressure.....	< 60 psi @ 70°F (27°C)

### Base Materials:

Adhesive .....	Synthetic elastomer
Solvents (top two) .....	Hexane, Cyclohexane
Propellant.....	Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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#### Aerosol

IMDG number.....	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

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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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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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