

# Product Data Sheet

No. **38190** - 09/17

## HI-STRENGTH ADHESIVE

AEROSOL VOC (web spray adhesive) <40% (CARB compliant)

PRODUCT NUMBERS: 8190 12-OZ. NET WT. AEROSOL

### I. GENERAL DESCRIPTION

**Description:** Aervoe Hi-Strength Adhesive (as compared to 3M's #90CA) is a web spray made from a carefully selected blend of synthetic polymers. The controlled molecular weight results in the ideal spraying and film formations properties of the product. The formulation maximizes both adhesive and cohesive forces, optimizing flexibility and toughness.

**Benefits:** The super tough formula is designed to hold easier objects with a strong, instant grip. It offers high sheer and peel strength with good initial tack.

**Applications:** Adheres to almost any surface or material - wood, paper, glass, plastic, cardboard and leather.

**Directions:** For best results, use at room temperature (70°F). Align spray head with mark on valve rim to ensure complete evacuation of contents. Shake well before use. Mask areas not intended to be sprayed. Spray in light, short strokes from a distance of 8 to 10 inches. Do not over saturate. Press surfaces together in one smooth motion. To clear the tip and prepare for storage, turn can upside down and spray for two seconds.

*Temporary adhesion:* spray only one surface, then apply.

*Permanent adhesion:* spray both surfaces, let air dry 1 to 3 minutes, then press firmly together. 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. Pretest substrate for compatibility. **Do not use on Styrofoam.**

#### Packaging:

#8190 Aerosol:	Cans (20 oz.)	12 oz. net wt. (340 grams)	14.6 fl. oz. (431.6 mL)
	12 cans/case	14 lbs. (6.4 kg)	0.47 CF (0.013 CM)

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## II. CHARACTERISTICS & PROPERTIES

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### Specifications:

Web spray pattern. #8190 meets EPA/OTC and California CARB VOC regulations for web spray adhesives with less than 40% VOC.

### Appearance:

Viscous liquid

### Color:

Straw

### Odor:

Moderate

### Dry Schedule:

1 minute tack time

Open time is 5 minutes

### Performance and Chemical Properties:

Weight per gallon .....6.38 lbs./gallon

Specific gravity .....0.77

Flammability: Label marking .....Extremely flammable

Flash point.....<0° F (-18° C)

Operating temperature range.....50° to 90°F (10° to 32°C)

Active ingredients by weight.....20.64%

CARB VOC limit (web spray adhesive).....≤40%

### Base Materials

Adhesive .....Synthetic Elastomer

Solvents (top two) .....Methyl Acetate, Acetone

Propellant system.....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 ..... 40° to 120°F (4° to 49°C)

Shelf life ..... 1 to 3 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.