

Product Data Sheet

No. **38190** - 06/12

HI-STRENGTH ADHESIVE

CARB VOC <55% (web spray adhesive)

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

I. GENERAL DESCRIPTION

Description: 8190 Hi-Strength Adhesive (as compared to 3M's #90) 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 can 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 1645 Roof Tar and Adhesive Remover.

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

Packaging:

Aerosol:

Cans (211x713)
2 cans/case

12 oz. net wt. (340 grams)
14 lbs. (6.4 kg)

12.4 fl. oz. (366 ml)
0.47 CF (0.013 CM)

II. CHARACTERISTICS & PROPERTIES

Specifications:

Web spray pattern, meets CARB VOC regulations for web spray adhesives with less than 55% 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	6.36 lbs./gallon
Specific gravity	0.76
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.....	23%
CARB VOC limit (web spray adhesive).....	≤55%

Base Materials

Adhesive	Glycerine ester of resin
Solvents (top two)	Acetone, Light Aliphatic Petroleum Distillates
Propellant system.....	Hydrocarbon

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 3 years
HMIS ratings	
Health	2
Fire	3
Reactivity.....	0

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.