



Advanced Adhesive Technologies, Inc.

AAT-181 Universal Seam Adhesive

Specification Sheet

I. Description:

AAT-181 is a copolymer seam adhesive recommended for all types of carpet backings including vinyl(PVC). AAT-181 can be used in direct glue and double glue carpet applications. AAT-181 can be used to “butter” carpet edges in preparation for making seams for stretch-in carpet installations.. AAT-181 Universal Seam Adhesive can also be used to join seams in resilient flooring like pure vinyl and linoleum sheet goods.

AAT-181 is solvent free and contains no hazardous or toxic chemicals. AAT-181 is 0 VOC as defined by the SCAQMD Proposition 65, Rule 1168. AAT-181 is solvent free, “Environmentally Safe” and “Installer Friendly”.

AAT-181 dries to an extremely strong bond, having tensile strength which exceeds traditional direct glue down, solvent based seam adhesives. AAT-181 can be applied to the edge using the same installation procedure and technique that is currently employed for all conventional seam adhesives. Place a 1/16" bead at the edge interface of first piece of material, while it lies in the spread floor covering adhesive, and then compress the second edge into the first. Apply the adhesive to only one side of the flooring.

Adhesive smears can be easily cleaned within 10-15 minutes by blotting with a clean cloth wet with soapy water. Dried adhesive can be removed with AAT-197 Adhesive Remover. Do not soak the seam with either soapy water or solvent. Test all adhesive cleaners in an inconspicuous area to be sure the color/finish of the flooring will not be effected by the adhesive removers.

II. Specific Technical Data:

- A. Latex Copolymer blend
- B. Color - white liquid, dries clear
- C. High strength, water resistant
- D. Solvent free, low odor (odorless when dry), Non-flammable liquid
- E. Shelf life: Up to one year in an unopened container. Keep from freezing

III. Uses:

- 1. Latex buttering of broadloom carpet
- 2. Linoleum and vinyl sheet goods.
- 3. Direct Glue Down seam sealing for: PVC backed carpet, linoleum, pure vinyl(homogenous) sheet goods and broadloom carpet having backings of woven polypropylene (ActionBac®), unitary and attached cushion products (Enhancer, Kanga, Envirobac).

IV. Available in quarts, gallons, and 4 gallon pails.

Clean-up: Wet - soapy water Dry - AAT-197 Safety Solvent



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MATERIAL SAFETY DATA SHEET

NPCA HMIS

H = 1
F = 0
PH = 0

SECTION I

Manufacturer's Name: Advanced Adhesive Technologies, Inc.
Street Address: 424 S. Spencer St. Dalton, GA. 30720
Emergency Telephone No.: (706) 226-0610 or (706) 295-3728 or (706) 629-1423
Product Class: Latex Emulsion
Manufacturer's Code Identification: AAT-181
Trade Name: Universal Seam Sealer

SECTION II — HAZARDOUS INGREDIENTS

None

SECTION III — PHYSICAL DATA

Boiling Range: Greater than 212° F
Vapor Density: Lighter than Air
Evaporation Rate: Slower than Ether
Percent Volatile by Volume: 30 % +/- 2%
VOC Emission: 0 g/l (Calculated per SCAQMD Rule 1168)

SECTION IV — PHYSICAL DATA

DOT Category: Nonflammable
Flash Point: N/A
LEL: Not Known
Extinguishing Media: Do not ignite unless all water is removed, the dry chemical
Unusual Fire and Fighting Hazards: None
Special Fire Fighting Procedures: None

SECTION V — HEALTH HAZARD DATA

Threshold Limit Value: Non-established
Effects of overexposure: Mild skin irritant to some people
Emergency and First Aid Procedures: Flush eyes with water and apply a neutralizer for alkaline substances. Wash skin with soap and water.

SECTION VI — REACTIVITY DATA

Stability: Stable
Incompatibility: (Materials to avoid)
Conditions to avoid: Temperatures below 40°F
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION VII — SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Scoop up excess with shovel, wash remainder with water.
Waste Disposal Method: Landfill or incinerate as per local and state regulations.

SECTION VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required with adequate ventilation.
Ventilation: Local exhaust sufficient
Protective Gloves: May be desirable for people with sensitive skin.
Eye Protection: Safety glasses or goggles.
Other Protective Equipment: None required

SECTION IX — SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store in a cool, dry place. Keep from freezing. Optimum storage temperature 70°F.
Shelf life – Up to one year from the date of manufacture in an unopened container.
Other precautions: Keep sealed when not in use.