



# Advanced Adhesive Technologies, Inc.

## AAT-210 Standard Carpet Adhesive

### Specification Sheet

#### Description:

AAT-210 is latex-resin emulsion adhesive designed for installing glue-down carpets and resilient sheet goods. This zero VOC adhesive is protected by the CleanGuard® two-stage antimicrobial. CleanGuard® is a specifically formulated broad-spectrum, anti-microbial agent that protects our adhesives and sealers from microorganisms, such as mold or mildew, in both the wet and dry state.

#### Uses:

AAT-210 AD-Hesive is recommended for the following installations:

- Carpets: Woven Polypropylene (ActionBac®), Kanga backed, Latex foam backed, Jute backed Needle punched
- Cork Underlayment
- Resilient Mineral, composition, felt backed sheet goods.
- Not recommended for tightly woven polypropylene secondary backs (ex. Unibond), urethane foams, unitaries, or vinyl backed carpets or pure vinyl sheet goods.
- Sub floors:
  - Above, On, and Below grade concrete in the absence of excessive moisture emissions and alkali. (<3 lbs. /1000 sq. ft. /24 hrs.) (pH 7-9)
  - Underlayments: Plywood (all underlayment grades), Oriented Strand Board (OSB), Hardboard, Existing resilient flooring (must be well bonded, sound, smooth, and free of all waxes, finishes, strippers, and cleaners.), Ceramic tile, Terrazzo, and Marble (all paint, varnish, oil, wax, and finishes should be removed. Smooth or glazed surfaces must be abraded. Repair all joints and cracked with latex-based Portland cement underlayment.)



**NOTE:** While some Lauan underlayments are acceptable {Type 1 (exterior) BB and CC or OVL} there are a varieties present severe problems when used as underlayments. Frequent problems noted are discoloration, indentation, bond failure, and underlayment delamination. Particleboard is **not** a recommended underlayment under full spread installations of resilient flooring. Strip or plank wood flooring should be covered with an approved underlayment (minimum thickness of 1/4")

#### Specific Technical Data:

- Base: latex-resin emulsion
- Color: yellow-tan
- Flammability: non-flammable
- Typical Trowels and approximate coverage:

<u>Sheet Vinyl</u>	<u>Carpet</u>	<u>Cork Underlayment</u>
1/16" x 1/16" x 1/16" sq. notch 125-150 sq. ft./gal	1/8" x 1/8" x 1/8" U-shape notch 90-108 sq. ft. /gal	3/32 x 3/32 x 3/32 V-notch 110-135 sq. ft. /gal

**NOTE:** We recommend installers follow the guidelines set forth in CRI 104 or specific manufacturer's recommendations. It is extremely important to maintain recommended notch width and spacing. The proper notch depth is that which will produce adhesive ridges that affect a 100% transfer to both the substrate and the carpet backing to include the inner recesses of the texture of the back.

- This adhesive can not be used for exterior installations. Use AAT-383 for exterior installations.
- Clean-up: Remove wet adhesive with cloth dampened with tap water. Use AAT-197 AD-Hesive Remover for dry adhesive.
- Freeze/thaw stable. (Stability and spreadability will be reduced if frozen. For best results do not allow to freeze).
- Sizes: 4 Gallon pail



# MATERIAL SAFETY DATA SHEET

## NPCA HMIS

H = 1  
F = 0  
PH = 0

Prepared By: Tim Brown  
Date: August 30, 2006 (Replaces August 1, 1999)

## SECTION I

**Manufacturer's Name:** Advanced Adhesive Technologies, Inc.  
**Street Address:** 424 S. Spencer St. Dalton, GA. 30720  
**Emergency Telephone No.:** Chemtrec (24 hours) 800-424-9300 or 706-226-0610 8 am to 5 pm Mon - Fri  
**Product Class:** Floor Covering Adhesive  
**Manufacturer's Code Identification:** AAT-210  
**Trade Name:** Standard Carpet Adhesive

## 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:** 43 ± 2.0%  
**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:** Water mist, dry chemical, CO<sub>2</sub>, mechanical foam  
**Unusual Fire and Fighting Hazards:** Liquid adhesive will not ignite. Dried adhesive will ignite if heated over 150°C and or exposed to ignition source, producing CO, CO<sub>2</sub>, smoke and hydrocarbons.  
**Special Fire Fighting Procedures:** If dried adhesive ignites, use dry chemical, foam extinguishers, or a fog nozzle. For small fires, CO<sub>2</sub> extinguishers can be used. Use air mask when combating dried adhesive fires.

## SECTION V — HEALTH HAZARD DATA

**Threshold Limit Value:** Non-established  
**Effects of overexposure:** Wet-possible lightheadedness, nausea, and/or mild dermatitis could develop. Dry-None.  
**Emergency and First Aid Procedures:** Flush eyes with ample water. Wash skin with soap and water. If ingested, treat symptomatically and contact physician.

## SECTION VI — REACTIVITY DATA

**Stability:** Stable  
**Incompatibility:** (Materials to avoid)  
**Conditions to avoid:** Closed area with open container  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur  
**Conditions to avoid:** Strong acids or oxidants, temperatures below 35°F

## 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:** Open windows, exhaust fan, open air area  
**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. Optimum storage temperature 70°F.  
Shelf Life – One year from date of manufacture in an unopened container.  
**Other precautions:** Keep from freezing. If frozen allow adhesive to thaw at room temperature.  
DO NOT agitate or stir until adhesive is completely thawed. Keep sealed when not in use.