



## Advanced Adhesive Technologies, Inc. AAT-335 Double Glue-Down Adhesive Specification Sheet

### Description:

AAT-335 is a thixotropic pressure sensitive adhesive specifically formulated for the installation of natural and synthetic pads to most subfloor surfaces. AAT-335 can also be used to adhere and bond urethane backed carpet tiles. AAT-335 is an extremely aggressive pressure sensitive adhesive which, when properly applied can facilitate the subsequent removal of the carpet and/or cushion. Before laying pad to floor the adhesive must be allowed to become transparent and tacky. High humidity or low temperatures will affect drying time. AAT-335 is freeze-thaw stable. 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-335 is recommended for the following installations of cushion to floor:

- A. Padding Constructions:
  - a. High Density Polyurethane
  - b. Sponge Rubber
  - c. Densified ReBonds (10 lb. density min.)
  - d. Synthetic Fiber Pad

**Note:** Contact AAT's Technical Services for additional pad recommendations.



- B. Subfloor surfaces:
  - a. Concrete (above, on or below grade) in the absence of excessive moisture and alkali [MVER – Max 5 lbs. /1000 sq. ft. /24 hrs. (ASTM F-1869-04); RH max 75% (ASTM F-2170-02); pH max 9.0
  - b. Metal
  - c. Plywood
  - d. Underlayment grade hardboard
  - e. Assn. grade particleboard
  - f. Well-bonded resilient floor covering. (Avoid installations over existing roto-gravure, cushion backed or perimeter installed sheet vinyls, resilient floors that are deeply embossed or having wax coverings.)

### Note:

AAT-335 should only be used in conjunction with the pad manufacturers' specifications. CRI-104 and/or CRI-105 must also be employed correctly. AAT has specific installation specifications available upon request.

### Specific Technical Data:

- A. Base: Latex emulsion
- B. Freeze-Thaw Stable
- C. Non-Flammable
- D. Typical trowel and approximate coverage: 1/16" x 1/16" x 1/16" sq. notch trowel (125-150 sq. ft./gal)
- E. Clean-up: Remove wet adhesive with soapy water and dry adhesive with AAT-197 Adhesive Remover
- F. Sizes: 4 Gallon Pail



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# MATERIAL SAFETY DATA SHEET

## NPCA HMIS

H = 1  
F = 0  
PH = 1

Prepared by: **Tim Brown**

Date: **August 18, 2008**

## SECTION I

**Manufactured by:** Advanced Adhesive Technologies, Inc.  
**Street Address:** 419 South Glenwood Avenue, Dalton, GA 30721  
**Emergency Telephone No.:** Chemtrec 1-800-424-9300  
**General Information:** 1-800-228-4583  
**Product Class:** Floor Covering Adhesive  
**Manufacturer's Code Identification:** AAT-335  
**Trade Name:** Double Glue-Down 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 Weight:** 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.

