



Advanced Adhesive Technologies, Inc. AAT-230 Dual Purpose Adhesive Specification Sheet

Description:

AAT-230 is the professional's choice for value and performance, providing excellent green strength, working time and ultimate bond strength. AAT-230 Dual Purpose is a 0 VOC, non-staining, latex-based adhesive, designed for the permanent installation of broadloom carpets and resilient sheet goods. This non-flammable 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-230 Dual Purpose Adhesive is recommended for the following installations:

- Carpet (by secondary backings)
 1. Woven polypropylene (ActionBac®)
 2. Jute
 3. Rubber backs (Durogan, latex foam, marine)
 4. Unitary latex (10 lb. tuft bind max.)
 5. Needlepunched
 6. Kanga-back urethane
- Resilient Sheet Goods
 1. Mineral & Paper backs
 2. Felt backs

Not recommended for urethane unitaries and vinyl backed (PVC) carpets or sheet goods.
- Subfloor Surfaces:
 1. Plywood (Underlayment grade)
 2. Oriented Strand Board (OSB)
 3. Assn. Grade particle board underlayment (carpet only)
 4. Concrete (above, on or below grade) in absence of hydrostatic pressure, excessive moisture emissions and alkali (CRI-104 Spec.)
 5. Existing resilient flooring (Must be well bonded, sound, smooth, and free of all waxes, finishes, strippers, and cleaners)



Note: While some Lauan underlayments are acceptable [Type 1 (Exterior) BB and CC, or OVL] there are a variety of qualities and species sold as Lauan. Some 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 ¼"). Very porous sub-floors must be primed with AAT-570 Primer/Sealer before applying the adhesive.

419 S. Glenwood Avenue • Dalton, GA 30721
800-228-4583 • Fax 706-278-6207 • www.aatglue.com

May 30, 2007
Page 1 of 2

MATERIAL SAFETY DATA SHEET

NPCA HMIS

H = 1
F = 0
PH = 0

Prepared By: Tim Brown
Date: June 1, 2007 (Replaces August 30, 2006)

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-230
Trade Name: Dual Purpose Floor Covering 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
pH 9.3 – 9.8
Percent Volatile by Volume: 40 ± 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, CO₂, 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, CO₂, smoke and hydrocarbons.
Special Fire Fighting Procedures: If dried adhesive ignites, use dry chemical, foam extinguishers, or a fog nozzle. For small fires, CO₂ 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.

Specific Technical Data:

- A. Base: Latex-resin emulsion
- B. Color: Yellow-Tan
- C. Flammability: Non-flammable
- D. This adhesive should not be used for exterior installations. Use AAT-383 or AAT-390 for exterior installations.
- E. Clean-up: Remove wet adhesive with cloth dampened with tap water. Use AAT-197 AD-Hesive Cleaning Solvent for dry adhesive.
- F. Freeze-Thaw Stable (Stability and spread ability may be reduced if frozen. For best results, do not allow to freeze.)
- G. Sizes: 1 gallon and 4 gallon pails

Typical trowels and approximate coverages:

Sheet Vinyl

1/16" x 1/16" x 1/16" sq. notch
(Width x Depth x Space)
125-150 sq. ft. per gal

Jute and Smooth Backed Carpet

3/32" x 3/32" x 3/32" V or U-notch
(Width x Depth x Space)
120-130 sq. ft. per gal

Woven Polypropylene and Rough Backed Carpet

1/8" x 1/8" x 1/8" U-notch
(Width x Depth x Space)
90-110 sq. ft. per gal

Latex Unitary

1/8" x 3/16" x 1/8" U-notch
(Width x Depth x Space)
45-50 sq. ft. per gal

We recommend installers follow the guidelines set forth in CRI-104 or specific manufacturer's recommendations. While it is extremely important to maintain 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.

