



Advanced Adhesive Technologies, Inc.

AAT-272 Super-Premium Resilient Sheet Vinyl Adhesive Specification Sheet

Description:

AAT-272 is specially formulated water-based adhesive designed not only for the installation of paper and felt backed sheet vinyl but also pure vinyl sheet goods intended for full-spread installations. This unique adhesive will not stain or discolor resilient floors and eliminates the need to inventory several different adhesives for various types of sheet vinyls from a variety of manufacturers. AAT-272 can also be used to install linoleum, sheet rubber flooring and vinyl or rubber tiles. This Super-Premium product provides adequate “slip time” and greatly reduces the “gassing” tendency common with most adhesives when installing over non-porous substrates. The AAT-272 is backed by a Seven Year Limited Warranty.

Uses:

AAT-272 Super-Resilient Sheet Vinyl Adhesive is recommended for the following installations:

- Resilient Products
 - Paper and Felt backed sheet goods
 - Pure vinyl sheet goods (Full Spread)
 - Linoleum
 - Vinyl Composition Tile (VCT)
 - Pure Vinyl Tile
 - Rubber Tile
- Carpet
NOTE: while this adhesive is specifically designed for the installation of resilient products it can be used to install virtually any carpet regardless of backing types.)
- Substrates:
 - APA rated, underlayment grade plywood
 - Association Grade particleboard (upon recommendation of flooring mfg)
 - Concrete-on, above or below grade in the absence of excessive moisture and alkali (See CRI-104 Spec.)
 - Existing well bonded resilient floors (heavily embossed and/or rotogravure floors should be properly prepared with an embossing leveler.)
 - Terrazzo
 - All other underlayment materials recommended by the specific floor covering manufacturer.



III. Specific Technical Data:

- A.** Base: Special Latex-resin emulsion
- B.** Color: Light Tan
- C.** Flammability: Non-flammable
- D.** Freeze/thaw stability: (Stability and spreadability can be altered if allowed to freeze.)
- E.** Recommended trowel and approximate coverage (Depth x Width x Space)
Note: Follow resilient manufacturer’s trowel recommendations when available):

Porous Sub-floors

1/16” x 1/16” x 1/16” \leq -notch
125-150 sq. ft/gal

Non-Porous Sub-floors

1/32” x 1/16” x 1/32” U notch
180-250 sq. ft/gal

- F.** Clean-up: Remove wet adhesive with wet cloth. Use AAT-197 adhesive cleaning solvent for dry adhesive
- G.** Sizes: 4 gal, cs/gal, and cs/qts
- H.** Open time: Slip-20 min. plus, Tack-30 min., Bond-24 hours

MATERIAL SAFETY DATA SHEET

NPCA HMIS

H = 1
F = 0
R = 0

Date: 04/05/04 (replaces 06/04/95)

Prepared by: Greg Wood

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: Resilient Adhesive
Manufacturer's Code Identification: AAT-272
Trade Name: Super-Premium Resilient Sheet Vinyl AD-Hesive

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: 32% - ± 2%
Weight per Gallon: 10 ± 0.5lbs
VOC Emission: 0 g/l (calculated per Ca. South Coast 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 20°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.
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.