



Material Safety Data Sheet

**TT-390
MUSSON ADHESIVE (NONFLAMMABLE)
WATER BASED**

- I. Description: TT-390 is an extremely water resistant, high strength, latex resin base adhesive formulated for the installation of Fluff-Cord Tile and Design Rubber Tile. It provides a strong bond to concrete and other clean, sound sub-floor surfaces commonly encountered. TT-390 tacks rapidly, remaining tacky for an extended time providing a secure bond in a few hours. TT-390 can be used indoors or outdoors. TT-390 is non-flammable and has an extended working temperature range from 40° to 100° F. TT-390 becomes extremely water resistant after a full 24 hours drying (curing) time.
- II. USES: TT-390 Adhesive is recommended to be used with Fluff-Cord Tile and Design Rubber Tile. It also may be used with carpets and artificial turfs that are rubber-backed, non-backed or action-backed. It is not recommended for use with vinyl or most urethane backings. It may be used over sub-floor surfaces of concrete, plywood, hardboard, association grade particle board or asphalt paving. It is not to be used over asphalt roofing or wood deckings (which may contain copper salts as preservatives).
- III. Technical Data:
- A. Base: Latex resin
 - B. Color: Tan
 - C. Flammability: NONFLAMMABLE
 - D. Freeze-thaw stable
 - E. Clean-up: Remove fresh adhesive with warm soapy water. Dried adhesive should be removed with a cloth dampened with mineral spirits.
 - F. Wt/Gal: Approx. 8.5 - 9.0 lbs.
 - G. Sizes: Gallons, 4 gallon pails.
 - H. Recommended trowel: 1/8"x1/8"x1/8" U-Notched trowel. Approximate coverage 100 sq. ft. per gallon. It is essential that good adhesive contact be achieved. A 100% transfer of floor adhesive onto the tile backing while maintaining full coverage of the floor must be obtained.
- VI. Comments: A special purpose latex resin emulsion formulated for the installation of specialty rubber tile. Being water based, TT-390 is non-flammable, easy spreading, alkali and water resistant, freeze-thaw stable and is an "Installer Friendly Adhesive". TT-390 has high elasticity, resists ageing or oxidation and gives a strong, sure bond. TT-390 has a light tan color and a very mild latex resin odor.

**KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER CLOSED WHEN NOT IN USE**

MANUFACTURED FOR: THE R.C. MUSSON RUBBER CO 1320 E ARCHWOOD AVE AKRON, OH 44306

(OVER)

Material Safety Data Sheet

for Coatings, Resins, and Related Materials
(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20.)

NPCA 1-72

NPCA HMIS

H = 1
F = 0
R = 0

DATE OF PREP: 04/01/93					
PREPARED BY: Gregory P. Wood					
SECTION I					
Manufactured for The R.C. Musson Rubber Co. Akron, Ohio					
Manufacturer's Name: Advanced Adhesive Technology, Inc.					
Street Address: 424 S. Spencer St.					
City/State/Zip: Dalton, GA 30722-1887					
Emergency Telephone No.: 800-424-9300 or 800-228-4583					
Product Class: Floor Covering Adhesive					
Manufacturer's Code Identification: TT-390 MUSSON ADHESIVE					
Trade Name: Musson Specialty Rubber Tile Adhesive (Latex based)					
SECTION II					
HAZARDOUS INGREDIENTS					
INGREDIENT	NTPAACR/ OSHA CARC	PERCENT	TLV PPM mg/M	LEL	VAPOR PRESSURE
NONE					
SECTION III					
PHYSICAL DATA					
BOILING RANGE: >212° F					
VAPOR DENSITY: <input type="checkbox"/> HEAVIER <input checked="" type="checkbox"/> LIGHTER THAN AIR					
EVAPORATION RATE: <input type="checkbox"/> FASTER <input checked="" type="checkbox"/> SLOWER THAN ETHER					
PERCENT VOLATILE BY VOLUME: 43.0 ± 2.0%					
WEIGHT PER GALLON: 8.5 - 9.0 lbs.					
VOC EMISSION: 0g/l (Calculated per Ca. South Coast Rule 1168)					
SECTION IV					
FIRE & EXPLOSION HAZARD DATA					
DOT CATEGORY: Nonflammable					
LEL: Not Known					
EXTINGUISHING MEDIA: Water mist, dry chemical, CO ₂ , mechanical foam.					
UNUSUAL FIRE & EXPLOSION HAZARDS: Liquid adhesive will not ignite. Dried adhesive will ignite if heated over 150° C and or exposed to ignition source, producing CO ₂ , smoke and hydrocarbons.					
SPECIAL FIRE FIGHTING PROCEDURES: If dried adhesive ignites, use dry chemical, foam extinguishers, or a fog nozzle. For small fires, CO ₂ extinguishers can be used. Use air mask when combating dried adhesive fires.					

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None Established

EFFECTS OF OVEREXPOSURE: Wet-possible lightheadedness, nausea, mild dermatitis. Dry-None. Acute Overexposure-possible eye, nose, or throat irritation.

EMERGENCY & 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: Unstable Stable

CONDITIONS TO AVOID: Heat & Fires

INCOMPATIBILITY: (Materials to avoid)

CONDITIONS TO AVOID: Closed area with open container.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION:

May Occur 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 OF 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 & STORING: Store in a cool, dry place. Optimum storage temperature 70° F.

OTHER PRECAUTIONS: Keep from freezing. Physical properties & performance may be altered if allowed to freeze. Keep sealed when not in use. Shelf life is one year in an unopened container.