



Advanced Adhesive Technologies, Inc.
AAT-383 OUTDOOR AD-Hesive (FLAMMABLE)
Specification Sheet

Description:

AAT-383 is a waterproof, high strength, solvent-rubber based adhesive specifically formulated for the permanent installation of most outdoor carpets and artificial turfs. AAT-383 provides an extremely strong bond to concrete, asphalt paving, and other clean, sound paving surfaces. AAT-383 tacks very rapidly, remaining tacky for an extended period, even during unfavorable weather conditions. This adhesive provides a secure bond in a few hours. With AAT-383 outdoor installations can have a much longer installation season. AAT-383 has an extended working temperature range of 60° to 100°F. Floor temperature must be no lower than 60°F. Do not use indoors. AAT-383 is **EXTREMELY FLAMMABLE**.

Uses:

AAT-383 Outdoor AD-Hesive is recommended for the following installation:

- Carpets and artificial turfs.
 - Rubber-backed (marine & waffle foam)
 - Non-backed (tufted or woven)
 - Woven polypropylene.

Not recommended for the carpets with vinyl and most urethane backings.

- Sub-floors Surfaces:
 - Concrete (fully cured)
 - Asphalt paving
 - Other clean, sound paving surfaces.

Do not use over asphalt roofing or wood decking which contains copper salts as preservations (pressure treated).

Technical Data:

- A. Base: solvent-rubber
- B. Color: tan-brown
- C. Flammability: **EXTREMELY FLAMMABLE**
- D. Freeze-Thaw Stable
- E. Clean-Up: AAT-197 AD-Hesive Remover
- F. Sizes: one gallon & four gallon pails

WARNING: EXTREMELY FLAMMABLE

Vapors may ignite explosively-handle like gasoline! Prevent build-up of vapors, use only with cross-ventilation. Vapors are heavy and will flow to any source of ignition. Keep away from flame and pilot lights. (Turning off gas main is suggested.) Turn off all outdoor appliances. Do not use electric switches, fans or tools (drill motors) **DO NOT SMOKE**. Avoid prolonged contact with skin and breathing of vapor. Close container tightly after each use. **KEEP OUT OF REACH OF CHILDREN. FOR EXTERIOR USE ONLY. DESIGNED FOR PROFESSIONAL INSTALLERS.** Contains hexane and petroleum distillates.

G. Typical trowel: 3/32 x 3/32 x 1/8 V notch for smooth and latex waffle backs. Approximate coverage is 12 sq. yd/gal over smooth concrete or asphalt. Rough substrates will require more adhesive. It is essential that transfer if the adhesive is made to the secondary backing. Minimum transfer should be 90%. For backings that are stiff or have curling tendencies, the carpet should be laid into the adhesive immediately and pulled back to allow adhesive to tack for up to 30 minutes before reapplying to floor. This “contact method” assures adhesive transfer for improved installations.

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP: 01/21/05

Greg Wood

NPCA HMIS

H = 2

F = 3

R = 0

SECTION I

MANUFACTURER'S NAME: Advanced Adhesive Technologies, Inc.

STREET ADDRESS: 424 South Spencer Street

CITY, STATE, AND ZIP CODE: Dalton, GA 30722

EMERGENCY TELEPHONE: 1-800-228-4583 (8a.m.-5p.m. Eastern) 800-424-9300 Chemtrec (24 hours)

PRODUCT CLASS: Flammable Solvent Base Adhesive TRADE NAME: Outdoor AD-Hesive (Flammable)

MANUFACTURER'S CODE IDENTIFICATION: AAT-383

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	NTP, IARC/ OSHA CARC	PERCENT	PEL (OSHA) PPM TWA	VAPOR PRESSURE
Flammable Solvents				
V M & P Cas # 64742-89-8	No	19.1%	N/A -	10.2 mmHG @ 68° F
Hexane Cas # 110-54-3	No	10.2%	50 -	125 mm HG @ 68E F
Toluene Cas # 108-88-3	No	4.4%	100 -	22 mm HG @ 68° F

SECTION III - PHYSICAL DATA

BOILING RANGE: 149 Deg. TO 246 Deg. F VAPOR DENSITY: ~ HEAVIER LIGHTER THAN AIR

EVAPORATION RATE: ~ FASTER SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME: 32-34 % WEIGHT PER GAL: 8.5-8.7 lbs.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY: Flammable Liquid

FLASH POINT: 34.3EF Open Cup LEL.: 1.1%

EXTINGUISHING MEDIA: USE WATER SPRAY, DRY CHEMICAL, FOAM OR CO2.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT STORE OR MIX WITH STRONG OXIDANTS LIKE CHLORINE OR CONCENTRATED OXYGEN.

SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL CONTAINERS. A SELF CONTAINED BREATHING APPARATUS SHOULD BE USED WHEN FIGHTING FIRES. AVOID BREATHING FUMES OR VAPORS.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: INHALATION: CAN CAUSE DIZZINESS, HEADACHES, AND UNCONSCIOUSNESS.

CALIFORNIA PROPOSITION 65: THE STATE OF CALIFORNIA RECOGNIZES THAT TOLUENE, VM & P AND HEXANE CONTAINS A SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT - IF OVERCOME BY VAPORS, REMOVE FROM EXPOSED IMMEDIATELY. CALL A PHYSICIAN. IF BREATHING IS IRREGULAR OR STOPPED, START RESUSCITATION. CALL A PHYSICIAN. IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN. SKIN CONTACT: REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WARM WATER. IF SPLASHED IN EYES, FLUSH WITH CLEAR WATER FOR 15 MINUTES.

SECTION VI - REACTIVITY DATA

STABILITY: ~ UNSTABLE STABLE

CONDITIONS TO AVOID:

INCOMPATIBILITY: (MATERIALS TO AVOID) STRONG OXIDANTS (CHLORINE, O, NA OR K HYPOCHLORITE).

HAZARDOUS DECOMPOSITION PRODUCTS: FUMES, SMOKE, AND CARBON MONOXIDE, IN THE CASE OF COMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION: ~ MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL IGNITION SOURCES. KEEP PEOPLE CLEAR. RECOVER FREE LIQUID. ADD ABSORBENTS (SAND, SAWDUST, EARTH, ETC.) TO SPILL AREA. AVOID BREATHING VAPORS. VENTILATE CONFINED AREAS. OPEN WINDOWS AND DOORS. SCOOP MATERIAL INTO SEALABLE CONTAINERS.

WASTE DISPOSAL METHOD: ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS. DISPOSE ONLY AT APPROVED DISPOSAL SITES.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE HYDROCARBON VAPOR CANISTER OR SUPPLIES-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES.

VENTILATION: THIS PRODUCT IS DESIGNED FOR EXTERIOR USE ONLY. NO SMOKING OR OPEN LIGHTS WITHIN IMMEDIATE AREA.

PROTECTIVE GLOVES: USE CHEMICAL-RESISTANT GLOVES IF NEEDED TO AVOID REPEATED OR PROLONGED SKIN CONTACT.

EYE PROTECTION: USE SAFETY GLASSES OR GOGGLES.

OTHER PROTECTIVE EQUIPMENT: WEAR LONG-SLEEVES OR CHEMICAL PROTECTIVE APPAREL.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS, OR OPEN FLAME OR STRON OXIDANTS. ADEUATE VENTILATION REQUIRED.

OTHER PRECAUTIONS: AVOID BREATHING VAPORS. AVOID PROLONGED CONTACT WITH SKIN. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER CONTACT.