



Advanced Adhesive Technologies, Inc. AAT-105 Contact Adhesive (Flammable) Specification Sheet

Description:

AAT-105 is specifically formulated for bonding plastic laminate to plywood, particle board, metal, rubber, fabrics, leather, etc. Caution should be taken when using AAT-105 as this adhesive is EXTREMELY FLAMMABLE. Pilot lights, heaters or any possible source of spark or ignition should be turned off or removed from the immediate area of use.

Specific Technical Data:

- A. Base: rubber-solvent
- B. Color: clear amber
- C. Flammability – **EXTREMELY FLAMMABLE**
- D. Coverage: 280-300 sq. ft. per gallon
- E. Shelf-Life – One year from date of manufacture in an unopened container

Warning:

EXTREMELY FLAMMABLE – Vapors may cause flash fire. DO NOT use near fire or flame!

Application Instructions:

1. Surface must be dry, free of dirt, grease, etc.
2. Stir adhesive well before applying. Apply even coat over both surfaces to be bonded. Do not apply over painted surface.
3. If applied to wood or porous surface, wait 30-40 minutes and reapply adhesive.
4. Allow adhesive to dry completely (to touch). Bond in immediate upon touching two surfaces together. Be sure to position before touching surfaces together.
5. Use board with paper to secure position, slowly remove paper after position is acquired.
6. Press firmly with hand roller to secure bond.

CAUTION

DANGER! EXTREMELY FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. DO NOT USE NEAR FIRE OR FLAME!

This product is an extremely flammable mixture. Adequate ventilation is essential to prevent build up of vapors to an explosive concentration. Use only with positive fresh air cross-ventilation. Use explosive proof fans, motors and other equipment. Prevent prolonged or repeated breathing of vapors or mist. Vapors are heavier than air and can collect in low areas, such as basements. Do not use in these areas; unless they can be thoroughly ventilated before, during and after installations. Do not store or use near heat, flames or sparks of any type. Keep container closed when not in use. Use appropriate safety equipment – splash goggles, gloves and where high vapor concentrations exist, vapor respirators. **KEEP OUT OF REACH OF CHILDREN AND PETS.**

MATERIAL IS SOLD FOR PROFESSIONAL USE ONLY.

Sale to consumer is a Violation of Federal Law.

DOT Flammable Liquid 3, UN1133, PGII

NPCA HMIS
H=2 F=3 PH=1

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

November 26, 2007

MATERIAL SAFETY SHEET

FOR COATINGS, RESINS, AND RELATED MATERIALS

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

DATE OF PREP: November 26, 2007 (Replaces January 18, 2007)

PREPARED BY: Tim Brown

NPCA HMIS

H = 2

F = 3

PH = 1

SECTION I

MANUFACTURER'S NAME: Advanced Adhesive Technologies, Inc.

STREET ADDRESS: 419 South Glenwood Avenue CITY, STATE, ZIP CODE: Dalton, GA 30721

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

PRODUCT CLASS: Flammable Contact Adhesive TRADE NAME: Contact AD-Hesive(Flammable)

MANUFACTURER'S CODE IDENTIFICATION: AAT-105

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	NTP, IARC/ OSHA CARC	PERCENT	PER (OSHA) PPM TWA	VAPOR PRESSURE
Flammable Solvent				
Aliphatic Petroleum Distillate cas # 64742-89-8	No	27 +/- 2	300 -	10.200 mmHG @ 68° F
M E K cas # 78-93-3	No	40 +/- 2	200 -	49.5 mmHG @ 68° F
Toluene cas # 108-88-3	No	11 +/- 2	100 -	22 mmHG @ 68° F

SECTION III - PHYSICAL DATA

BOILING RANGE: 172-268° F VAPOR DENSITY: ■ LIGHTER THAN AIR

EVAPORATION RATE: ■ SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME: 75-79 % WEIGHT PER GAL: 6.5-6.8 lbs.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY: Flammable Liquid FLASH POINT: > 20° F TCC LEL: 120 % UEL: 7.0%

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not store or mix with strong oxidants like Chlorine or Concentrated oxygen.

SPECIAL FIRE FIGHTING PROCEDURES: Use air supplied breathing equipment for enclosed areas. Cool exposed container with water spray. Avoid breathing vapor or fumes.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Causes drying of skin and severe eye irritation. Breathing of vapors causes headaches, dizziness, nausea, vomiting, and loss of consciousness.

CALIFORNIA PROPOSITION 65: The state of California recognizes that toluene contain a substance known to the state of California to cause Cancer.

EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT - Wash exposed area with soap or water. EYE CONTACT - Flush eyes with plenty of water for 15 minutes or until irritation subsides. Seek medical attention. INHALED - Remove to fresh air. If not breathing, give artificial respiration. Give oxygen if breathing is difficult. Call a physician.

SECTION VI - REACTIVITY DATA

STABILITY: Unstable Stable

CONDITIONS TO AVOID: Heat and Fires

INCOMPATIBILITY: (Materials to avoid) Strong Oxidants: Liquid Chlorine, Oxygen, NA and K Hypochlorite

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Dioxide, Fumes, Black Smoke

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: Keep people clear of area. Recover free liquid. Add absorbents (sand, sawdust, earth, etc.) To spill area avoid breathing vapors. Ventilate confined areas. Open windows and doors. Keep from spillways and drains.

WASTE DISPOSAL METHOD: Assure conformity with applicable disposal regulations. Dispose only at approved disposal sties. Can be incinerated in a furnace.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Air supplies masks for concentrations above 200 ppm

VENTILATION: Local Exhaust - Face velocity 60 FPM, use explosion-proof electrical equipment. No smoking or open lights. Use only with adequate ventilation.

PROTECTIVE GLOVES - Plastic gloves to prevent prolonged exposure.

EYE PROTECTION - Safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT - Long-sleeved clothing or rubber aprons.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Flammable, Keep from fires, sparks, and heat. Breathing of vapors may be harmful. Avoid contact with eyes or skin may cause eye and skin irritation.

OTHER PRECAUTIONS - Do not leave container open. FOR PROFESSIONAL USE ONLY.