

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

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

NPCA HMIS

H = 2

F = 0

R = 0

DATE PREPARED: February 4, 2010 (Replaces 02/01/01)

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Section I

MANUFACTURER'S NAME: Advanced Adhesive Technology, Inc.

STREET ADDRESS: 419 South Glenwood Ave

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: (NF) Solvent Based Adhesive Remover

MANUFACTURER'S CODE IDENTIFICATION: AAT-197

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	NTP/IARC/ OSHA CARC	PERCENT	TLV PPM	LEL mg/M ³	VAPOR PRESSURE
Tetrachloroethylene Cas# 127-18-4	25 ppm	100%	100 ppm		1.7 KPA @ 20°C

This chemical is subject to the reporting requirements of section 313 of Sara Title III.

Section III - PHYSICAL DATA

BOILING POINT: 121.3°C (250.3°F)

VAPOR DENSITY: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

PERCENT VOLATILE WEIGHT PER GALLON: 13.5 lbs **BY VOLUME:** 100

COLOR: CLEAR COLORLESS

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CLASSIFICATION: Class 6.1: Poisonous mtl.

FLASH POINT: N/A (TCC)

LEL: 13.0%

EXTINGUISHING MEDIA: Water fog or carbon dioxide or dry chemical.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials:, Carbon Dioxide and Carbon Monoxide, Hydrogen Chloride, Phosgene.

FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

SPECIAL FIRE & EXPLOSION HAZARDS: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

Section V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Acute and chronic liver disease, rhythm disorders of the heart, and neuritis. Eye and skin irritation nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness, even death. Swallowing can cause gastrointestinal irritation, nausea, vomiting and diarrhea

EMERGENCY AND FIRST AID PROCEDURES:

Skin: wash exposed areas with soap and water. Remove contaminated clothing.

Eyes: flush with large amounts of water, lifting upper and lower eyelids occasionally. Get medical attention.

Swallowed: do not induce vomiting. Immediately drink two glasses of water. Call physician or transport to an emergency facility.

Inhaled: remove to fresh air. If breathing is difficult administer oxygen, if stopped, give artificial respiration. Do not give stimulus. Epinephrine or Ephedrine may adversely effect the heart with fatal results.

CHRONIC EFFECTS ON HUMANS:

CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2A (Probable for human.) by IARC (Some evidence.) by NTP.

MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast.

May cause damage to the following organs: kidneys, liver, peripheral nervous system, upper respiratory tract, skin, central nervous system (CNS).

Section VI - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: Avoid contact with aluminum and strong alkalis

HAZARDOUS POLYMERIZATION: Will not occur

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small spill: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood.

Large spill: persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

WASTE DISPOSAL METHOD:

Small spill: allow volatile portion to evaporate in hood. Allow sufficient time for vapors to completely clear hood duct work. Dispose of remaining material in accordance with applicable regulations.

Large spill: destroy by liquid incineration with off-gas scrubber. Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If workplace exposure limit(s) of product or any component is exceeded (see section ii), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specific conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

PROTECTIVE GLOVES: Wear resistant gloves such as polyvinyl alcohol

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permits other types of safety glasses. (Consult your safety equipment supplier).

OTHER PROTECTIVE EQUIPMENT: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Section IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.