

PRECISION ADHESIVES, INC.

MATERIAL SAFETY DATA SHEET

Updated: 11-14-2011

PRODUCT NAME: PA-330

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SECTION I: MATERIAL IDENTIFICATION:

IDENTITY: SPRAYABLE DUCT INSULATION ADHESIVE

MANUFACTURER:

PRECISION ADHESIVES, INC.
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PERTH AMBOY, NJ 08861

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TOLL FREE: 1-800-456-3021

CHEMTREC PHONE NUMBER: 1-800-424-9300

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Component	C.A.S. #	PEL/TLV/TWA ppm	PEL/TLV/TWA Mg/m ³	%	Sara Title III
Toluene	108-88-3	100		5.5	Yes
Naphtha	64742-89-8	400		26.7	Yes
TSRN 75158700 5002P					
TSRN 75158700 5015P					
TSRN 75158700 5017P					
TSRN 75158700 5018P					
TSRN 75158700 5021P					

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F): 171	Vapor Density (Air=1): 3.1
Specific Gravity (H2O=1): 0.788	Evaporation Rate (Butyl Acetate=1): 5.9
Vapor Pressure (mmHg): 95	Water Solubility: none
% Volatile by Weight: 67.5	Appearance and Odor: red liquid / petroleum odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): 20°F.T.C.C

Flammable Limits: LEL 1.0
UEL 7.0

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Water Spray.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Water may be used to cool fire-exposed containers.

Unusual Fire and Explosion Hazards: Avoid strong acids or oxidizing agents. Hazardous polymerization or explosion may occur.

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SECTION V: REACTIVITY DATA:

Stability: stable

Conditions to Avoid: Strong acids & oxidizing agents, open flames, sparks or excessive heat

Incompatibility (materials to avoid): Same as above

Hazardous Decomposition Products or Byproducts: Phenol and other organic components that are unknown

Hazardous Polymerization: may not occur

SECTION VI: HEALTH HAZARD DATA:

Routes of Entry: Eyes, Skin, Inhalation, Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: liquid is highly irritating to eyes.

SKIN: May cause irritation – Prolonged contact can result in defatting and drying of the skin which may lead to dermatitis.

INHALATION: Breathing high vapor concentrations or prolonged breathing of lower concentrations can cause nose and throat irritation, headaches, dizziness and loss of consciousness.

INGESTION: get medical attention – Induce vomiting.

FIRST AID AND EMERGENCY PROCEDURES:

EYES: Flush with a gentle stream of water for at least 15 minutes, if irritation occurs, consult a physician.

SKIN: Remove contaminated clothing and shoes. Wash thoroughly with of water and soap. If irritation occurs, consult a physician.

INHALATION: Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult, give oxygen . Get medical attention.

INGESTION: Induce vomiting – Get medical attention.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE:

SPILL OR LEAK PROCEDURES: Immediately evacuate the area and provide maximum ventilation. Unprotected personnel should move upwind of spill. Only personnel equipped with proper respiratory, eye and skin protection should be permitted in area. Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover or absorb spilled material with sawdust, vermiculite, or clay and sweep into containers for disposal. Close containers. After all visible traces have been removed, thoroughly wet vacuum the area. DO NOT flush to sewer. If area of spill is porous, remove contaminated earth, gravel, etc., as necessary and place in containers for disposal (SEE BELOW).

WASTE DISPOSAL: CARE MUST BE TAKEN WHEN DISPOSING OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS TO PREVENT ENVIRONMENTAL CONTAMINATION. IT IS YOUR DUTY TO DISPOSE OF THE CHEMICAL MATERIALS AND/OR THEIR CONTAINERS IN ACCORDANCE WITH THE CLEAN AIR ACT, THE CLEAN WATER ACT, THE RESOURCE CONSERVATION AND RECOVERY ACT AND ALL RELEVANT STATE, LOCAL AND FEDERAL LAWS/ REGULATIONS REGARDING WASTE DISPOSAL.

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SECTION VIII: CONTROL MEASURES:

VENTILATION: Where possible use mechanical means to exhaust fumes sufficient to maintain concentration below permissible exposure limits. Use explosion proof equipment.

RESPIRATORY PROTECTION: respiratory protection required if airborne concentration exceeds TLV. For emergency or when working in confined spaces use self-contained breathing apparatus or supplied air respiratory protection. In other circumstances involving potential overexposure, use NIOSH/MSHA-approved organic vapor respirator. Respirator protection must be in accordance with 29CFR 1910.134.

PROTECTIVE GLOVES: polyethylene, neoprene or polyvinyl alcohol

EYE PROTECTION: splash-proof goggles

OTHER PROTECTIVE EQUIPMENT: Use explosion proof equipment

SECTION IX: SPECIAL PRECAUTIONS AND/OR COMMENTS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

1. DO NOT USE IN POORLY VENTILATED OR CONFINED SPACES.
2. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS.
3. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
4. DO NOT STORE IN OPEN, UNLABELED OR MISLABELED CONTAINERS.
5. LIQUID OXYGEN OR OTHER STRONG OXIDANTS MAY FORM EXPLOSIVE MIXTURES WITH THIS MATERIAL.
6. AVOID FLAMES, HOT GLOWING SURFACES OR ELECTRIC ARCS.
7. AVOID CONTAMINATION OF WATER SUPPLIES.
8. AVOID PROLONGED OR REPEATED BREATHING OF VAPORS.
9. USE ONLY WITH ADEQUATE VENTILATION
10. AVOID CONTACT WITH EYES
11. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.
12. DO NOT TAKE INTERNALLY.

SPECIAL COMMENT REGARDING ALL MATERIALS MANUFACTURED

NOT RECOMMENDED FOR OUTDOOR USE.

BECAUSE WE HAVE NO CONTROL OVER THE MANNER IN WHICH THIS PRODUCT MAY BE USED, WE CANNOT GUARANTEE THE END RESULTS TO BE OBTAINED IN OUR CUSTOMERS' PROCESSES. PRECISION ADHESIVES, INC. SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE, OR INJURY, WHETHER ORDINARY, DIRECT, INCIDENTAL OR CONSEQUENTIAL, ARISING FROM THE PURCHASE, POSSESSION, HANDLING, USE, OR INABILITY TO USE THIS MATERIAL.