

# PRECISION ADHESIVES HVAC, INC.

## MATERIAL SAFETY DATA SHEET

Updated: 2/16/03

**PRODUCT NAME: PA-4084**

### SECTION I: MATERIAL IDENTIFICATION:

**IDENTITY:** WATER-BASED DUCT SEALANT

#### MANUFACTURER:

PRECISION ADHESIVES HVAC, INC.  
51 WASHINGTON STREET  
PERTH AMBOY, NJ 08861

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CHEMTREC PHONE NUMBER: 1-800-424-9300

### SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

Hazardous Components	CAS#	%	TLV (units)
AQUA AMMONIA	7664-41-7	<1	75 PPM
SODIUM HYDROXIDE	0013-10-73-2	<1	N/A
SODIUM O-PHENYLPHENATE TETRAHYDRATE			
STYRENE/BUTADIENE	9003-55-8	35	RESIDUAL MONOMER<0.5%
STYRENE MONOMER	100-42-5	<0.5	50 PPM
TSRN 75158700 5009P			
TSRN 75158700 5026P			
TSRN 75158700 5029P			
TSRN 75158700 5036P			
TSRN 75158700 5037P			
TSRN 75158700 5038P			
TSRN 75158700 5039P			
TSRN 75158700 5040P			
TSRN 75158700 5041P			
TSRN 75158700 5047P			

\*SUBJECT TO REPORTING OF SARA SECTION 313\*

### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point	212°F	Vapor Density (AIR=1)	<1
Specific Gravity (H <sub>2</sub> O=1)	0.965	Evaporation Rate	Equal to air – slower
Vapor Pressure (mm Hg)	760mm@100°C	Solubility in Water	SOLUABLE
Percent Volatile by Weight	38.7 %		
Appearance and Odor	GRAY, SLIGHT AMMONIA ODOR		

**PRECISION ADHESIVES HVAC, INC.**  
**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: PA-4084**

(Page 2)

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA:**

EXTINGUISHING MEDIA: USE WATER, DRY CHEMICALS OR CO<sub>2</sub>

FLASH POINT: NONE

FLAMMABLE LIMITS:	LEL	UEL
	N/A	N/A

SPECIAL FIRE FIGHTING PROCEDURES: WATER MAY BE USED TO COOL EXPOSED CONTAINERS.

UNUSUAL FIRE & EXPLOSION HAZARDS: CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY RUPTURE DUE TO PRESSURE BUILD UP.

**SECTION V: REACTIVITY DATA:**

Stability: stable

Incompatibility (materials to avoid): SALTS AND STRONG ACIDS MAY CAUSE REACTION.

Hazardous Decomposition Products or Byproducts:

Hazardous Polymerization: may not occur

Conditions to Avoid: N/A

**SECTION VI: HEALTH HAZARD DATA:**

Routes of Entry: Eyes, Skin, Inhalation, Ingestion

**SIGNS AND SYMPTOMS OF EXPOSURE:**

EYES: may be irritating to eyes.

SKIN: may cause irritation upon prolonged or repeated contact.

INHALATION: n/a

INGESTION: no known cases - get medical attention.

**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: No first aid is normally needed, however, seek medical attention.

INGESTION: no known cases – seek medical attention.

CARCINOGENICITY: n/a

**SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE:**

SPILL OR LEAK PROCEDURES: Scrape or shovel material into suitable containers. Wipe up remaining material with damp rags. Prevent spilled material from entering sewers, storm drains or any authorized treatment, drainage system and/or natural waterways.

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.

**PRECISION ADHESIVES HVAC, INC.  
MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: PA-4084**

(Page 3)

**SECTION VIII: CONTROL MEASURES:**

**RESPIRATORY PROTECTION:** For emergency or when working in confined areas use self-contained breathing apparatus or supplied air respiratory protection. In other circumstances involving potential overexposure, use NIOSH/MSHA-approved organic vapor respirator. Respiratory protection must be in accordance with 29CFR 1910.134.

**VENTILATION:** General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weight TLV ranges. If general ventilation proves inadequate to maintain vapor concentrations. Supplemental local exhaust may be required. Other special precautions, such as respiratory protection may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.

**PROTECTIVE GLOVES:** polyethylene, neoprene or polyvinyl alcohol

**EYE PROTECTION:** splash-proof goggles

**SECTION IX: SPECIAL PRECAUTIONS AND/OR COMMENTS:**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Protect material from freezing, both in handling and storing.

**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.**