

PRECISION ADHESIVES, INC.

MATERIAL SAFETY DATA SHEET

Updated: 11/11/11

PRODUCT NAME: PA-112

page 1 of 3

SECTION I: MATERIAL IDENTIFICATION:

IDENTITY: NON-FLAMMABLE DUCT INSULATION ADHESIVE

MANUFACTURER:

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

PHONE: 732-442-0414
FAX: 732-442-9568
TOLL FREE: 1-800-456-3021

CHEMTREC PHONE NUMBER: 1-800-424-9300

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| Hazardous Component | C.A.S. # | ACGIH TWA/ppm | ACGIH STEL/ppm | OSHA TWA/ppm | % | Sara Title III |
|---------------------|-----------|------------------|-------------------|-----------------|----|-------------------|
| Styrene/Butadiene | 9003-55-8 | | | | 17 | Yes |
| Ammonia | 7664-41-7 | 25 | | | <1 | yes |
| TSRN 75158700 5050P | | | | | | |
| TSRN 75158700 5005P | | | | | | |
| TSRN 75158700 5006P | | | | | | |
| TSRN 75158700 5007P | | | | | | |
| TSRN 75158700 5008P | | | | | | |

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

| | |
|--------------------------------|--|
| Boiling Point (°F): 212 | Vapor Density (Air=1): Less than 1 |
| Specific Gravity (H2O=1): 0.98 | Evaporation Rate (Butyl Acetate=1): 1 |
| Vapor Pressure (mmHg): 17.54 | Water Solubility: Completely |
| % Volatile by Weight: 83% | Appearance and Odor: Black liquid / Latex odor |

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used): None

Flammable Limits: LEL N/A
UEL N/A

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: None

SECTION V: REACTIVITY HAZARD DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: May not occur

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Salts and acids may cause reaction.

HAZARDOUS DECOMPOSITION PRODUCTS OR BYPRODUCTS:

SECTION VI: HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE:

Eyes: Irritation Skin: Irritation Inhalation: Irritation

FIRST AID & EMERGENCY PROCEDURES:

Eyes: Immediately flush with plenty of water for at least 15 minutes, lifting eyelids occasionally during flushing to facilitate irrigation. Seek medical attention.

Skin: Immediately wash skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention.

Ingestion: Take immediately to hospital or physician.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Spill or leak procedures: Soak up with absorbent material, remove to a chemical disposal area. Enclose with diking material to prevent seepage into any natural bodies of water. Absorb residue and dispose of all waste according to all local, state, and federal regulations.

D.O.T. Shipping Name: Adhesive, non-flammable
D.O.T. Label: None

HMIS Rating: Health : 0
Flammability: 0
Reactivity: 0

Waste disposal: Dispose of only in accordance with local, state, and federal rules and regulations. Do not use in poorly ventilated or confined spaces. Keep containers closed when not in use. Do not store in open, unlabeled or mislabeled containers. Avoid prolonged or repeated breathing of vapors. Avoid contact with eyes and prolonged or repeated contact with skin. Do not take internally.

SECTION VIII: CONTROL MEASURES

Respiratory Protection: The use of respiratory protection depends on vapor concentration above the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved) or supplied air equipment, depending on airborne concentration.

Ventilation: General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.

Protective Gloves: The use of gloves which are impermeable to the specific material handled is advised to prevent skin irritation and absorption.

Other Protective Clothing or Equipment: Safety glasses, chemical goggles and/or face shield are recommended to safeguard against potential eye contact, irritation or injury.

Special clothing is advised as good chemical handling practice. The availability of eye wash and safety showers in work areas is recommended.

SECTION IX: SPECIAL PRECAUTIONS AND/OR COMMENTS:

Precautions to be taken in handling and storing: Protect material from freezing at all times.

*****SPECIAL COMMENT REGARDING ALL MATERIALS MANUFACTURED*****

All information, recommendations and suggestions appearing herein concerning our products are based upon test data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Adhesives and Chemicals, Inc. as to the effects or such use, the results to be obtained, or the safety and toxicity of the product nor does Adhesives and Chemicals assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.