



SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: PA-311

Product type: HVAC DUCT INSULATION LAGGING COMPOUND

Restriction of use: None identified

Company Address: Precision Adhesives
131 Brown Street
Yatesville, PA 18640

Telephone numbers: 570-654-6735

Transport Emergency phone: Chemtrec 800-424-9300

Medical Emergency phone: Poison Control Center 1.877.671.4608

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified for physical or health hazards under GHS

Signal word

none

Hazard statements

none

Pictograms:

none

Precautionary statements

none

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	C.A.S. #	%
Styrene/Butadiene emulsion	confidential	40-60
Ammonium Hydroxide	1336-21-6	<0.1
Water	7732-18-5	40-60

SECTION 4: FIRST-AID MEASURES

SIGNS AND SYMPTONS OF EXPOSURE:

Eyes: mild irritation Skin: mild irritation Inhalation: none

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: wash skin with soap and water.

Ingestion: call poison control center - 1.877.671.4608

SECTION 5: FIRE FIGHTING MEASURES

Dried product may be slightly flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

SECTION 7: HANDLING AND STORAGE

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 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

1336-21-6, Ammonium hydroxide, ACGIH TLV: 17 mg/m³

1336-21-6, Ammonium hydroxide, OSHA PEL: 35 mg/m³

1336-21-6, Ammonium hydroxide, OSHA TWA 25 ppm (18mg/m³) ST 35 ppm (27 mg/m³)

1336-21-6, Ammonium hydroxide, ACGIH TWA 25 ppm (18 mg/m³) ST 35 ppm (27 mg/m³)

Respiratory protection: Not required under normal conditions of use.

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

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 9: PHYSICAL AND CHEMICAL PROPERTIES

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 Volume: Not Established	Appearance and Odor: black/Latex odor

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: May not occur

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS OR BYPRODUCTS: Carbon monoxide, carbon dioxide, smoke, fumes, other unidentified toxic materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Ammonium Hydroxide	1336-21-6	Oral LD50: 350 mg/kg (rat)
--------------------	-----------	----------------------------

Signs And Symptoms Of Exposure:

Eyes: Irritation

Skin: Irritation

Inhalation: irritation

Potential Acute Health Effects:

none

Potential Chronic Health Effects:

none

SECTION 12: ECOLOGICAL INFORMATION

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of only in accordance with local, state, and federal rules and regulations.

SECTION 14: TRANSPORT INFORMATION

D.O.T. Shipping Name: Adhesive,non-flammable

HMIS Rating: Health: 0

Flammability: 0

Reactivity: 0

D.O.T. Label: none

SECTION 15: REGULATORY INFORMATION

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings):

Acute

SARA Section 313 (Specific toxic chemical listings):

1336-21-6 Ammonium hydroxide

RCRA (hazardous waste code): None of the ingredients is listed

TSCA (Toxic Substances Control Act): All ingredients are listed.

CERCLA(ComprehensiveEnvironmentalResponse,Compensation, andLiabilityAct):

1336-21-6 Ammonium Hydroxide

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed

Chemicals known to cause reproductive toxicity formales: None of the ingredients is listed

Chemicals known to cause developmentaltoxicity: None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 0

Reactivity: 0

Personal Protection: none

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 0

Reactivity: 0

Specific hazard: none

SECTION 16: OTHER INFORMATION

Updated: 5/1/15

*****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 Precision Adhesives as to the effects or such use, the results to be obtained, or the safety and toxicity of the product nor does Precision Adhesives 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.