



Alpha Temp-Mat

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SECTION I — MANUFACTURER

Manufacturer's Name: Alpha Associates, Inc.
Address: 2 Amboy Ave., Woodbridge, NJ 07095
Emergency Telephone Number: 732-634-5700
Telephone Number for Information: 732-634-5700
Date Prepared: 8/2/2004

SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Fibrous Glass — ACGIH: 10 mg/m³ of air for fiber diameters less than 7 microns

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Vapor Pressure (mm Hg.): N/A
Vapor Density (AIR = 1): N/A
Solubility in Water: Negligible
Appearance and Odor: Fiber matting. No odor.
Specific Gravity (H₂O = 1): 2.5
Melting Point: >1000° F
Evaporation Rate (Butyl Acetate = 1): N/A

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point: >250° C by TOC
Flammable Limits: LEL: N/A, UEL: N/A
Extinguishing Media: Water, carbon dioxide, dry chemical
Special Firefighting Procedures: Thermal decomposition may produce irritating smoke and fumes. Wear full protective gear and NIOSH-approved breathing apparatus.
Unusual Fire and Explosion Hazards: None known

SECTION V — REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known
Incompatibility/Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known

SECTION VI — HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation: Yes.

Skin: Direct contact will cause mechanical irritation.

Ingestion: Unlikely.

Health Hazards (Acute and Chronic): OSHA classifies fibrous glass as a nuisance dust. Many studies have been conducted to determine long-term effects of fibrous glass inhalation. Although inconclusive, some research indicated manufacturing employees first employed more than 30 years ago in factories that manufactured glass wool and mineral wool have increased rates of lung cancer, compared to certain other reference populations. Further study is planned to identify those factors associated with the reported increased rate. Similar findings were not reported regarding employees in textile fiber manufacturing plants. Animal studies have not demonstrated an increased rate of lung cancer when the animals breathed large quantities of glass fibers. Artificial implantation or injection of fine glass fibers into the chest, abdominal cavity or trachea of laboratory animals has produced cancer.

Carcinogenicity: This material is not a known carcinogen.

Signs and Symptoms of Exposure: Skin, eye and respiratory tract irritation. If symptoms of GI irritation develop, consult physician.

Medical Conditions Generally Aggravated by Exposure: Any condition generally aggravated by mechanical irritants in air or on skin.

Emergency and First Aid Procedures:

Eye Contact: Flush with water for 15 minutes; get medical attention if irritation persists.

Skin Contact: Wash with soap and water after handling.

Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to evacuate fibers.



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SECTION VII — PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Prevent the spread of fiberglass dust and avoid dust-generating conditions. Those involved in cleanup of particulates should use protective equipment. Use a vacuum to clean up dusts. If sweeping is necessary, use a dust suppressant.

Waste Disposal Method: In most cases, woven fiberglass scrap can be buried in a Federal, state or local approved landfill.

Precautions to Be Taken in Handling and Storing:
Store and use so as to prevent the creation of airborne particulates.

Other Precautions: None known

SECTION VIII — CONTROL MEASURES

Respiratory Protection: Where dust levels exceed the TLV, use NIOSH-approved respirator.

Ventilation:

Local Exhaust: Recommended

Mechanical (General): Recommended if local exhaust is not feasible.

Special: Not normally required

Other: Not normally required

Protective Gloves: Recommended. Also barrier creams, if necessary.

Eye Protection: Goggles or glasses with side shields.

Other Protective Clothing or Equipment: Aprons or smocks recommended. Wear loose-fitting long-sleeved clothes.

Work/Hygienic Practices: Wash thoroughly after work. Launder clothes separately and wipe out washer at end of cycle.