1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Alpha Associates, Inc.
145 Lehigh Avenue
Lakewood, NJ 08701

Contact: James Palmer
Phone: 732-634-5700
Fax: 732-634-1430
Email: jpalmer@alphainc.com
Web: www.alphainc.com

Product Name: Alpha Temp-Mat
Revision Date: 1/16/2014
MSDS Number: 0632
Common Name: Insulation Mat

2 HAZARDS IDENTIFICATION

Route of Entry: This material may enter the body through inhalation of nuisance dust.

Target Organs: Respiratory system

Inhalation: Sore, raspy throat

Skin Contact: Redness and possible rash; itching

Eye Contact: Itching and redness

Ingestion: N/A

NFPA: Health = 1, Fire = 0, Reactivity = 0
HMIS III: H1/F0/PH0

PERSONAL PROTECTION INDEX

- Consult your supervisor or S.O.P for “SPECIAL” handling directions.
GHS Signal Word:
WARNING

GHS Hazard Pictograms:

GHS Classifications:
- Health, Skin corrosion/irritation, 2
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Serious Eye Damage/Eye Irritation, 2B
- Health, Respiratory or skin sensitization, 1 Skin

GHS Phrases:
- H315 - Causes skin irritation
- H335 - May cause respiratory irritation
- H320 - Causes eye irritation
- H317 - May cause an allergic skin reaction

GHS Precautionary Statements:
- P103 - Read label before use.
- P264 - Wash _ thoroughly after handling.
- P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
- P337 - If eye irritation persists: _
- P337+313 - Get medical advice/attention.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:
Fibrous Glass (CAS 65997-17-3)
OSHA PEL: 15 milligrams per cubic meter of air (total); 5 milligrams per cubic meter of air (respirable)
ACGIH TLV: 1 fiber per cubic centimeter of air

4 FIRST AID MEASURES

Inhalation: Remove person to fresh air. If condition persists, seek medical attention.
Skin Contact: Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention.
Eye Contact: Rinse with water. Do not rub eyes. Seek medical attention.
Ingestion: Not applicable.
5 FIRE FIGHTING MEASURES

Flash Point (Method Used): >250 C by TOC  Flammable Limits
LEL: N/A  UEL: N/A
Extinguishing Media: Water, carbon dioxide, or dry chemical
Special Fire Fighting Procedures: Thermal decomposition of fiber coating may produce an irritating mixture of smoke and fumes.
Unusual Fire and Explosion Hazards: None

6 ACCIDENTAL RELEASE MEASURES

Material is a solid in roll form. If accidentally released, rewind material back onto roll.

7 HANDLING AND STORAGE

Handling Precautions: Use adequate material handling equipment.
Storage Requirements: Store in dry place. Use may be at temperature extremes based on product data, but storage should be at ambient temperature.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust; dust collection
Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves
Safety glasses; cotton gloves; long sleeve clothing
Wash thoroughly with soap and water after handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fibrous Matting
Physical State: Solid
Spec Grav./Density: 2.5
Boiling Point: N/A
Vapor Pressure: N/A
pH: N/A
Odor: No Odor
Solubility: Negligible
Freezing/Melting Pt.: 700+ C
Vapor Density: N/A
10  STABILITY AND REACTIVITY

Stability:  Material is stable.
Conditions to Avoid:  None known.
Materials to Avoid:  Strong oxidizing agents.
Hazardous Decomposition:  Carbon monoxide; carbon dioxide
Hazardous Polymerization:  Will Not Occur.

11  TOXICOLOGICAL INFORMATION

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.

12  ECOLOGICAL INFORMATION

No known hazards except for airborne fibers caused by nuisance dust. 10 milligrams per cubic meter for fiber diameters less than 7 microns.

13  DISPOSAL CONSIDERATIONS

Incineration preferred in a federal, state, or local approved facility.

14  TRANSPORT INFORMATION

None special required.

15  REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES
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None known
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