



GHS Safety Data Sheet

Alpha Engineered Composites

Alpha Temp-Mat

PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Alpha Temp-Mat Common Name: Insulation Mat

SDS Number: 0541 Revision Date: 2/9/2018

Supplier Details: Alpha Engineered Composites LLC.

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HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2

Health, Specific target organ toxicity - Single exposure, 3

Health, Serious Eye Damage/Eye Irritation, 2 B Health, Respiratory or skin sensitization, 1 Skin

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: WARNING

GHS Hazard Pictograms:



GHS Hazard Statements:

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.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

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

Target Organs:Respiratory systemInhalation:Sore, raspy throat

Skin Contact: Redness and possible rash; itching

Eye Contact: Itching and redness

Ingestion: N/A

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients			
CAS#	%	Chemical Name	
65997-17-3		Fibrous Glass	

OSHA PEL: 15 milligrams per cubic meter of air (total); 5 milligrams per cubic meter of air

(respirable)

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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.

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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 accidently 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 HMIS PP, B | Safety Glasses, Gloves

Equipment: 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:SolidOdor:No OdorSpecific Gravity or2.5Solubility:Negligible

Density:

Boiling Point: N/A Freezing or

Boiling Point: N/A Freezing or Melting 700+ C Point:

Vapor Pressure: N/A Vapor Density: N/A

Potentia Hydrogenii: N/A

10 STABILITY AND REACTIVITY

Chemical Stability: Material is stable.

Conditions to None known.

Avoldentification:

Materials to Avoldentification: Strong oxidizing agents.

Hazardous Decomposition: Carbon monoxide; carbon dioxide

Hazardous Polymerization: Will Not Occur.

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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.

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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.

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DISPOSAL CONSIDERATIONS

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

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TRANSPORT INFORMATION

None special required.

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Fibrous Glass (65997-17-3) [n/a%] TSCA

1 151 045 41455 (05557 17 5) [11/4/0] 156/

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves







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