



E-GLASS NEEDED MAT

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PRODUCT & COMPANY IDENTIFICATION

Product Identifier: TTT-ENM-25, TTT-ENM-12, TTT-ENM-6
Common Name: E-Glass Needle Mat
SDS Number:
Revision Date: 2025
Supplier Details: Thermal Tech & Temp Inc.
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Crown Point, Indiana 46308
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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, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3

**GHS Label Elements, Including
Precautionary Statements:**

GHS Signal Word: WARNING
GHS Hazard Pictograms:



GHS Hazard Statements:
H315 - Causes skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation

GHS Precautionary Statements:
P264 - Wash _ thoroughly after handling.
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P337 - If eye irritation persists: Get medical advice/attention.
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 system
Inhalation: Sore, raspy throat
Skin Contact: Redness and possible rash; itching
Eye Contact: Itching and redness
Ingestion: N/A

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

Silica Fabric: (CAS 65997-17-3)
Exposure Limits: OSHA PEL 15 mg/m³ (total), 5 mg/m³ (respirable). ACGIH TLV 1/fcc

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.

Flash Point (Method Used): >250 C by TOC Flammable Limits
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

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

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.

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

Appearance:	Fibrous Matting
Physical States:	Solid
Specific Gravity or Density:	2.5
Boiling Point:	N/A
Vapor Pressure	N/A
Potential Hydrogenii:	N/A
Odor:	No odor
Solubility:	Negligible
Freezing or Melting Point:	> 1292°F
Vapor Density:	N/A

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

Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat. Fiberglass can cause itching due to mechanical irritation from the fibers. This is not an allergic reaction to the material. Breathing fibers may irritate the airways resulting in coughing and a scratchy throat. Some people are sensitive to the fibers, while others are not.

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

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

None special required.

Component (CAS#) [%] - CODES

Crystalline Silica (65997-17-3) [n/a%] MASS, NRC, OSHAWAC, PA, TXAIR
Regulatory CODE Descriptions

MASS = MA Massachusetts Hazardous Substances List NJHS =

NRC = Nationally recognized carcinogens

OSHAWAC = OSHA workplace air contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX AIR contaminants with health effect screening level

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