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**TTT-ENM-12**

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**1****PRODUCT & COMPANY IDENTIFICATION**

**Product Identifier:** TTT-ENM-12  
**Common Name:** E-glass needle mat  
**SDS Number:**  
**Revision Date:** 08/19/2020  
**Supplier Details:** Thermal Tech & Temp Inc.  
880 North Madison Street  
Crown Point, Indiana 46307  
**Contact:** Thermal Tech & Temp Inc. Office  
**Phone:** 1.800.674.9284  
**Email:** info@thermaltechtemp.com  
sales@thermaltechtemp.com  
**Website:** www.thermaltechtemp.com

**2****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

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## COMPOSITION/INFORMATION ON INGREDIENTS

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

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

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## 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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## FIRE FIGHTING MEASURES

**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

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## ACCIDENTAL RELEASE MEASURES

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

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## 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.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

**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

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## PHYSICAL AND CHEMICAL PROPERTIES

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

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## STABILITY AND REACTIVITY

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

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## TOXICOLOGICAL INFORMATION

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.

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

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## TRANSPORT INFORMATION

None special required.

Component (CAS#) [%] - CODES

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