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REV 06/07

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**FOR CHEMICAL EMERGENCY  
CALL (800) 424-9300 24 HRS.**

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## SECTION 1 - PRODUCT INFORMATION

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PRODUCT NAME(s): PART #250 – 1.5 Oz. Chopped Strand Mat

MATERIAL NAME: Continuous Filament Mat; Chopped Strand Mat

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## SECTION 2 - COMPOSITION OF INGREDIENTS

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CAS #	Component	Percent by Wt.
65997-17-3	Fiber Glass (non-respirable)*	60-100
N/A	Size	0-15

\* As manufactured continuous filament glass fibers are not respirable. Continuous filament glass products that are chopped, crushed or severely mechanically processed during manufacturing or use may contain a very small amount of respirable particulate, some of which may be glass shards. See Section 8 of Material Safety Data Sheet for exposure limit data.

**Non-Hazardous Statement** The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

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## SECTION 3 - HAZARDS IDENTIFICATION

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### Emergency Overview

No unusual conditions are expected from this product

**APPEARANCE AND ODOR:** White to off-white.

**PRIMARY ROUTE(S) OF EXPOSURE:** Inhalation, Eye Contact, Skin Contact

**POTENTIAL ACUTE HEALTH EFFECTS:**

**Inhalation:** May cause irritation of respiratory tract.

**Skin Contact:** Substance may cause slight irritation.

**Eye Contact:** May cause slight irritation.

**Ingestion:** Ingestion of this product is unlikely.

**Chronic Effects:** There are no known chronic health effects connected with long-term or contact with these products.

**Aggravated Medical Condition:** Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.

**Interactions with Other Chemicals:** No information available.

**Carcinogenic Status:** This product is not carcinogenic.

**OSHA Regulatory Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Mexico-Grade:** Not available

**Potential Environmental Effects:** There is no known ecological information for this product.

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**SECTION 4 – FIRST AID MEASURES**

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**Inhalation:** Move to fresh air. If symptoms persist, call a physician.

**Skin Contact:** Wash off immediately with soap and cold water. DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Use a wash cloth to help remove fibers. DO NOT rub or scratch affected areas. Remove contaminated clothing. If skin irritation persists, call a physician.

Never use compressed air to move fibers from the skin. If fibers are seen penetrating from the skin, the fibers can be removed by applying and removing adhesive tape so that the fibers adhere to the tape and are pulled out of the skin.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist. Do not rub or scratch eyes.

**Ingestion:** Accidental ingestion of this material is unlikely. If this does occur, watch person for several days to make sure intestinal blockage does not occur. If symptoms persist, call a physician.

**Notes to Physician:** Treat Symptomatically.

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## SECTION 5 – FIRE FIGHTING MEASURES

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**Flammability/Combustibility Properties:** Non-flammable

**Suitable Extinguishing Media:** Dry chemical, foam, carbon dioxide (CO<sub>2</sub>), and water fog.

**Unsuitable Extinguishing Media**

**Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide (CO<sub>2</sub>), Hydrogen, and other undetermined compounds could be released in small quantities.

**Explosion Data**

**Sensitivity to Mechanical Impact:** Not available

**Sensitivity to Static Discharge:** Not available

**Specific Hazards Arising from the Chemical:** No information available/none known

**Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.

NFPA	HEALTH 1	FLAMMABILITY 0	REACTIVITY 0
HMIS	HEALTH 1	FLAMMABILITY 0	REACTIVITY 0

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Avoid contact with the skin and eyes.

**Environmental Precautions:** Clean up spilled material immediately to prevent from becoming airborne or waterborne.

**Methods for Containment:** Material will settle out of air. Prevent from spreading by covering, diking, or other means.

**Methods for Clean-Up:** Pick or scoop up material and put into a suitable container for disposal as a non-hazardous waste. Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination. Avoid dry sweeping.

**Other Information:** Material will disperse in water and can not easily be removed after it is waterborne. Material will settle out of air. Does not apply.

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## SECTION 7 – HANDLING AND STORAGE

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**Handling:** Wear personal protective equipment. Avoid buildup of dust. Do not breathe dust.

**Storage:** Keep product in its packaging until use to minimize potential dust generation.

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure Guidelines

	ACGIH TLV	OSHA PEL	Ontario TWAEV
Glass Fiber-continuous filament, non-respirable 65997-17-3	5 mg/m <sup>3</sup> (inhalable dust fraction) 1 f/cc (respirable fiber)	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)	

**Engineering Controls:** Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits. Dust collection system must be used in transferring operations, cutting or machining or other dust generating process. Vacuum or wet clean-up methods should be used.

### Personal Protective Equipment

**Eye/Face Protection:** Safety glasses with side-shields, goggles

**Skin Protection:** Protective gloves, long sleeved shirt and long pants

**Respiratory Protection:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. A dust mask can be worn as a precautionary measure to avoid slight irritation.

**General Hygiene Considerations:** Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid getting dust into boots and gloves through wrist bands and pant tucks. Remove and wash contaminated clothing before re-use.

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## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

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**Appearance:** White/off-white solid

**Odor:** Odorless

**Physical State:** Solid  
**Flash Point:** Not available  
**Boiling Point/Range:** Does not apply  
**Flammability Limits in Air**

**pH:** Does not apply  
**Auto-ignition temperature:** Not available  
**Melting Point/Range:** >800°C  
**Lower:** Not Available **Upper:** Not Available

#### Explosion Limits

<b>Explosive Properties</b>	Does not apply
<b>Oxidizing Properties</b>	Does not apply
<b>Evaporation Rate</b>	Does not apply
<b>Vapor Pressure</b>	Does not apply
<b>Vapor Density</b>	Does not apply
<b>Specific Gravity</b>	2.60 (water=1)
<b>Density</b>	2.6
<b>Solubility</b>	insoluble
<b>Water solubility</b>	insoluble
<b>Partition coefficient</b>	
<b>n-octanol/water</b>	Not available
<b>Viscosity</b>	Not available
<b>VOC Content</b>	<0.4%
<b>Oxidizing properties</b>	Does not apply

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## SECTION 10 – CHEMICAL STABILITY & REACTIVITY INFORMATION

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**Stability:** Stable under normal conditions

**Conditions to Avoid:** None expected

**Incompatible Materials:** None

**Hazardous Decomposition Products:** No information available. See Section 5 of MSDS for hazardous decomposition products during a fire.

**Possibility of Hazardous Reactions:** Will not occur.

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## SECTION 11 – TOXICOLOGY INFORMATION

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#### **Acute Effects:**

**Product Information:** Dust may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. People with pre-existing respiratory conditions, may experience difficulty breathing, congestion and chest tightness.

#### **Chronic Toxicity**

**Component Information**

**Fiber Glass Continuous Filament:** The International Agency for Research on Cancer (IARC) in June 1987, categorized fiber glass continuous filament as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiber glass continuous filament as a possible, probable, or confirmed cancer causing material.

The TLV-TWA of 5mg/m<sup>3</sup> was adopted for non-respirable glass filament fiber, measured as inhalable dust, to prevent mechanical irritation of the upper respiratory tract.

**Carcinogenicity: There are no carcinogenic chemicals in this product.**

	ACGIH	IARC	NTP	OSHA
Glass Fiber-continuous filament, non-respirable 65997-17-3	A4	Group 3		

**ACGIH: American Conference of Governmental Industrial Hygienists**

A4-Not Classifiable as a Human Carcinogen

**IARC: International Agency for Research on Cancer**

Group 3-Not Classifiable as to its Carcinogenicity to Humans

<b>Irritation</b>	Not Available
<b>Corrosivity</b>	Not Available
<b>Allergy</b>	Not Available
<b>Neurological Effects</b>	Not Available
<b>Mutagenic Effects</b>	Not Available
<b>Reproductive Effects</b>	Not Available
<b>Developmental Effects</b>	Not Available
<b>Target Organ Effects</b>	Not Available

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**Ecotoxicity Effects:** This material is not expected to cause harm to animals, plants or fish.

**Chemical Fate**

<b>Persistence/Degradability</b>	Not Available
<b>Bioaccumulation/Accumulation</b>	Not Available
<b>Mobility in Environmental media</b>	Not Available

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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**Waste Disposal Method:** Dispose of in accordance with Local, State, Federal and Provincial regulations

**Contaminated Packaging:** Empty containers should be taken for local recycling, recovery or waste disposal.

**US EPA Waste Number Product Information:** No EPA Waste Numbers are applicable for this product's components

**RCRA:** This material is not expected to be a characteristic hazardous waste under RCRA.

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## SECTION 14 - TRANSPORT INFORMATION

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**DOT** Not Regulated

**TDG** Not Regulated

**MEX** Not Regulated

**ICAO** Not Regulated

**IATA** Not Regulated

**IMDG/IMO** Not Regulated

**RID** Not Regulated

**ADR** Not Regulated

**ADN** Not Regulated

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## SECTION 15 – REGULATORY INFORMATION

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### **International Inventories**

All of the components in this product are on the following Inventory Lists or are exempt

	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	China	KECL	PICCS	AICS
Glass Fiber-continuous filament, non-respirable 65997-17-3	XU	Present	-	266-046-0	-	-	Present	KE-17630	GEN-0994	Present

**USA**

**Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization ACT of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA311/312 HAZARDOUS CATEGORIZATION**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Risk of Ignition</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Air Act, Section 112 Hazardous Air Polutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs

**State Regulations**

**California Proposition 65**  
Chemicals

This product does not contain any Proposition 65

**State Right-to-Know**

Not listed on any State Right-To-Know Lists

	CA	MA	MN	NJ	PA	IL	RI
Glass Fiber-Continuous Filament, non-respirable			X				

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

**WHMIS Hazard Class**

Non-Controlled

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## **SECTION 16 - COMMENTS**

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The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Fibre Glast Developments Corporation or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances