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

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME (S): Part #29 - 1/16 Milled Glass Fibers

SECTION 2 – COMPOSITION AND INGREDIENTS INFORMATION

CAS#	COMPONENT	PERCENT BY WT.
65997-17-3	Fiber Glass (crushed/shredded continuous filament)* <ul style="list-style-type: none">• Non-respirable filament and particulate• Respirable Particulate• Respirable Particulate with fiber-like dimensions	100 >90 <10 <0.1

*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 Statements:

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 substance or impurities which would influence the classification of this product.

SECTION 3 – HAZARDS IDENTIFICATION

Applies to product:

Emergency Overview: Exposure to dust may be irritating to eyes, nose, and throat.

Route of Exposure: Eye contact
Skin contact
Inhalation

Potential Health Effects:

Eye: May cause slight irritation

Ingestion: Ingestion of this product is unlikely.

Chronic Health Effects: There is no known chronic health effect connected with long-term use or contact with this product.

Carcinogenicity: This product contains a component which is listed by IARC, OSHA or NTP. See Section 11 for additional information.

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

Aggravation of Pre-Existing Conditions: Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.

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

SECTION 4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Do not rub or scratch eyes. If eye irritation persists, consult a specialist.

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 irritation persists get medical attention. Never use compressed air to remove 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.

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

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. Rinse mouth with water and drink water to remove fibers from the throat. If symptoms persist, call a physician.

Note to physicians:Treat symptomatically

SECTION 5 - FIRE FIGHTING MEASURES

- Flammable Properties:** Non Flammable
- Flash Point:** None.
- Flash Point Method:** Not determined.
- Lower Flammable/Explosive Limit:** None
- Extinguishing Media:** dry chemical
foam
carbon dioxide (CO2)
water fog
- Protective Equipment:** Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.
- Hazardous Combustion Byproducts:** Carbon monoxide
carbon dioxide
Ammonia
Other undetermined compounds could be released in small quantities
- Universal Fire And Explosion Hazards:** Not available

NFPA Ratings:

NFPA Flammability: 0
NFPA Health: 2
NFPA Reactivity: 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personnel Precautions:** Avoid contact with skin and eyes.
- Environmental Precautions:** Prevent further leakage or spillage if safe to do so.
- Methods for containment:** This material will settle out of the air. Prevent from spreading by covering, diking or other means.
- Methods for cleanup:** Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination. Avoid dry sweeping. Pick up and transfer to properly labeled containers.
- Other Precautions:** Does not apply
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SECTION 7 - HANDLING AND STORAGE

Handling: Avoid dust formation.
Do not breathe dust.
Wear personal protective equipment.

Storage: Keep product in its packaging until use to minimize potential dust generation. Material should be kept dry and undercover.

Hygiene Practices: Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE GUIDELINES

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 processes, such as using power tools. Vacuum or wet clean-up methods should be used.

Eye/Face Protection: Safety glasses with side-shields.

Skin Protection Description: Protective gloves. Long sleeved shirt and long pants.

Respiratory Protection: When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.

General Hygiene Considerations: Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

Exposure Guidelines

	Guideline OSHA	Guideline ACGIH	Ontario Canada	Mexico
Fiber Glass (crushed/shredded continuous filament)	PEL-TWA: 1 f/cc (Respirable)	TLV-TWA: 1 f/cc (Respirable) 5 mg/m ³ (Inhalable)	TWAEV: 1 f/cc (Respirable) 5 mg/m ³ (Inhalable)	TWA: 10 mg/m ³

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Appearance: Powder or shredded fiber glass
Color: White to gray
Odor: No detectable odor
Boiling Point: No Data
Melting Point: >800°C
Specific Gravity: 2.55 – 2.58 (Ref: water = 1)
Solubility: Insoluble in water
Vapor Density: No Data
Vapor Pressure: No Data
Evaporation Rate: No Data
pH: No Data
Viscosity: Not applicable
Flash Point: None
Flash Point Method: Not Determined

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: None expected
Incompatible Materials: No materials to be especially mentioned.
Special Decomposition Products: See Section 5 of MSDS for hazardous decomposition products during a fire.

SECTION 11 - TOXICOLOGICAL INFORMATION

Carcinogens						
	ACGIH	NIOSH	OSHA	IARC	NTP	MEXICO
Fiber Glass (crushed/shredded continuous filament)	A4 Not Classifiable as a Human Carcinogen	No Data	No Data	Group 3 – Not Classifiable as to its Carcinogenicity to Humans	No Data	No Data

Applies to product:

Sensitization: No information available
Mutagenicity: No information available
Reproductive Toxicity: No information available
Teratogenicity: No information available
Neurological Effects: No information available

Fiber Glass (crushed/shredded continuous filament):

Inhalation: Inhalation.- Rat TCLo: 16mg/m³/6H/13W(intermittent)
[Lungs, Thorax, or Respiration – other changes]
Inhalation.- Rat TCLo: 5mg/m³/7H/90W (intermittent)
[Tumorigenic – carcinogenic by RTECS criteria; Blood-leukemia](RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

Applies to product:

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish.
Bioaccumulation: Not available.
Biodegradation: Not available.
Mobility In Environmental Media: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Applies to product:

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish.
Bioaccumulation: Not available.
Biodegradation: Not available.
Mobility In Environmental Media: Not available.

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated
IATA Shipping Name: Not Regulated
Canadian Shipping Name: Not Regulated
IMDG Shipping Name: Not Regulated
ADR Shipping Name: Not Regulated
RID Shipping Name: Not Regulated
ICAO Shipping Name: Not Regulated
MEX Shipping Name: Not Regulated

SECTION 15 - REGULATORY INFORMATION

Inventory Status

	Japan ENCS	EINECS Number	PICCS	China	South Korea KECL
Fiber Glass (crushed/shredded continuous filament)	Not listed	6	Listed	Listed	KE-17630

Applies to product:

Canada Reg. Status: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

Canada WHMIS: Controlled – Class: D2A Very Toxic
CA Prop 65: The following statement(s) are provided under the California State Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): **WARNING!** This product contains a chemical known to the State of California to cause cancer.

SARA: This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

Section 311/312 Hazard Categories:

Acute Health Hazard:	Yes
Chronic Health Hazard:	Yes
Risk of Ignition:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No

Clean Air Act: This product does not contain any Hazardous Air Pollutants (HAPs)

State Right To Know

	RI	MN	IL	PA	MA
Fiber glass (crushed/shredded continuous filament)	No Data	Listed	No Data	No Data	No Data
	NJ				
Fiber glass (crushed/shredded continuous filament)	No Data				

SECTION 16 – Other Information

HMIS Fire Hazard:	0
HMIS Health Hazard:	2
HMIS Reactivity:	0
HMIS Personal Protection:	X

SECTION 17 – Comments

While **Fibre Glast Developments Corporation** believes the data set forth herein are accurate as the date hereof, **Fibre Glast Developments** makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation, and verification.