



# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product Identifier

Product Form: Fibers

Substance Name: .25 INCH MILLED FIBERS

Product Code(s): 15792550, 1579405, 1579815, 157983, 157985

Synonyms:

### 1.2 Details of the Supplier of the Safety Data Sheet

Fiberlay Inc.

1468 Northgate Blvd

Sarasota, FL 34234

T 206-782-0660

F 888-782-0662

[www.Fiberlay.com](http://www.Fiberlay.com)

### 1.3 Emergency Telephone Number

Emergency Number: CHEMTREC: Domestic - 800-424-9300

## 2. HAZARDS IDENTIFICATION

Microglass Milled Fiber 7000 products are not classified using GHS criteria, or by OSHA or EU legislation.

### HMIS and NFPA Hazard Ratings:

Category	HMIS	NFPA
Acute Health	1	1
Flammability	0	0
Reactivity	0	0

**HMIS Personal Protection:** To be supplied by user depending upon use.

### Emergency Overview:

No unusual conditions are expected from this product.

**Appearance and Odor:** White to gray powder with little or no odor.

**Primary Route(s) of Exposure:** Inhalation, lungs, skin and eye.

### Potential Acute Health Effects:

**Inhalation:** Dusts and fibers from this product may cause mechanical irritation of the nose, throat and respiratory tract.

**Skin Contact:** Dusts and fibers from this product may cause temporary mechanical irritation to the skin.

**Eye Contact:** Dusts and fibers from this product may cause temporary mechanical irritation to the eyes.

**Ingestion:** Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

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

**Chronic Conditions:** See Section 11 for additional information

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Component	Weight %
65997-17-3	Man Made Glass Fiber	>99.2 %
None Assigned	Sizing	=/< 0.8 %

**Chemical Name or composition:** Fibrous glass (composition consisting principally of oxides of silicon, calcium, aluminum, magnesium and boron fused in an amorphous vitreous state)

**NFPA Unusual Hazards:** None

#### Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: glass wool fiber, fibrous glass and nuisance particulates.

#### Component Information/Information on Non-Hazardous Components

No additional information available.

### 4. FIRST AID MEASURES

**Inhalation:** If inhaled, move the affected person to fresh air. If irritation persists get medical attention.

**Skin Contact:** For skin contact, wash with mild soap and cold water.

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.

**Eye Contact:** Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists get medical attention.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that partial or complete intestinal obstruction does not occur. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if irritation persists.



**Ventilation:** There is a possibility of high particulate exposure levels when working with this product. At a minimum, local exhaust and/or general dilution ventilation should be provided as necessary to maintain exposures below regulatory and recommended limits. Dust collection systems must be used in transferring operations, cutting or machining or other dust generating processes because of anticipated dust levels. Vacuum or wet-cleanup methods should be used.

## PERSONAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** A properly fitted NIOSH approved N 95 series disposable dust respirator such as the 3M model 8210 (model 8271 in high humidity environments) or equivalent must be worn when using this material. Because of the possibility of high particulate levels occurring with this product, it may be necessary to use a half face respirator with P100 or HEPA filters during operations such as maintenance, clean up, or transferring. This decision should be made on a case-by-case basis depending on total exposures. Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

**Skin Protection:** Normal work clothing (long sleeved shirts and long pants) is recommended. Use gloves. Skin irritation is known to occur chiefly at the pressure points such as around the neck, wrists, waist and between the fingers.

Where direct contact or handling causes airborne product, the use of gloves and coveralls is recommended.

**Eyes/Face Protective Equipment:** Wear safety glasses, goggles or face shield.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White to grey powder	<b>Odor</b>	None
<b>Physical State:</b>	Solid	<b>Ph</b>	Not Applicable
<b>Vapor pressure (mm)hg @20c:</b>	Not Applicable	<b>Vapor Density Air = 1</b>	Not Applicable
<b>Boiling point:</b>	Not Applicable	<b>Solubility</b>	Insoluble
<b>Specific Gravity H2O = 1:</b>	2.55 – 2.58	<b>Freezing Point</b>	Not Applicable
<b>Evaporation Rate (n-Butyl Acetate = 1):</b>	Not Applicable	<b>Melting point</b>	> 800 C
<b>VOC:</b>	< .04 %	<b>Viscosity</b>	Not Applicable

**Physical Properties: Additional Information:** No additional information available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	This is a stable material.
<b>Conditions to Avoid:</b>	None known.
<b>Incompatible Materials:</b>	None known.
<b>Hazardous Decomposition Products:</b>	None, except in fire. See section 5 for combustion products statement.
<b>Hazardous Polymerization:</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects:

**General Product Information** Dusts 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.

**Carcinogenicity:**

**Fiber Glass Continuous Filament:**

The International Agency for Research on Cancer (IARC) in June 1987, categorized fiberglass 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 fiberglass continuous filament as a possible, probable, or confirmed cancer causing material. This conclusion was confirmed by IARC in October 2001.

The American Conference of Governmental Industrial Hygienists (ACGIH) A4 classification, not classifiable as a human carcinogen, for Respirable continuous filament glass fibers is based on inadequate data in terms of its carcinogenicity in humans and/or animals.

For Respirable continuous filament glass fibers, a TLV-TWA of 1 fiber/cc was adopted to protect workers against mechanical irritation. The TLV-TWA of 5 mg/m<sup>3</sup> was adopted for nonrespirable glass filament fiber, measured as inhalable dust, to prevent mechanical irritation of the upper respiratory tract.

**Note: There are no known chronic health effects connected with long term use or contact with these products.**

Products that are chopped, crushed or severely mechanically processed during manufacture or use may contain a very small amount of Respirable glass fiber-like fragments. Persistent Respirable glass fibers are suspected to cause cancer. NIOSH defines "Respirable fibers" as greater than 5 microns in length and less than 3 microns in diameter with an aspect ratio of  $\geq 5:1$  (length-to-width ratio).

**Component Carcinogenicity**

**Fiber Glass (crushed/shredded continuous filament) (65997-17-3)**

ACGIH: A4 – Not classifiable as a human carcinogen. IARC: Group 3 "not classifiable as to its carcinogenicity to humans" June 1987 meeting

**12. ECOLOGICAL INFORMATION**

No data available for this product. This product is not anticipated to harm animals, plants or fish.

**13. DISPOSAL CONSIDERATIONS**

**EPA Waste Number & Descriptions:**

**A: General Product Information**

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

**B: Component Waste Numbers**

No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions:**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**14. TRANSPORT INFORMATION**

**US DOT Information**



**Shipping Name:** Not regulated for transport.  
**Hazard Class:** None  
**UN/NA #:** None  
**Packing Group:** None  
**Required Label(s):** None

**TDG Information**

**Shipping Name:** Not regulated for transport.  
**Hazard Class:** None  
**UN/NA #:** None  
**Packing Group:** None  
**Required Label(s):** None  
**Additional Info:** None

**Additional Transportation Regulations:**  
No additional information available.

**15. REGULATORY INFORMATION**

**General Product Information:** No additional information available.

**Component Analysis:** No additional information available.

The following is provided to aide in the preparation of SARA 311 and 312 reports:

**SARA 311/312**

**Acute Health Hazard:** Yes  
**Chronic Health Hazard:** No  
**Fire Hazard:** No  
**Sudden Release of Pressure Hazard:** No

**Reactive Hazard:** No

**Clean Air Act**

The following components appear on the Clean Air Act-1990 Hazardous Air Pollutants List: **None**

**State Regulations:**

**General Product Information:** No additional information available

**Component Analysis – State**

The following components appear on one or more of the following state hazardous substances lists:

Fiberglass (as continuous filament)	CAS # 65997-17-3	CA	FL	MA	MN	NJ	PA
		No	No	No	No	No	No

**Other Regulations:**

**General Product Information:** No additional information available

**Component Analysis – Inventory**

Component	CAS #	TSCA	DSL	New Zealand	Aus	Miti Japan	EINECS
Fiber Glass (continuous Filament)	65997-17-3	Yes	Yes	Yes	Yes	No	Yes

**Component Analysis – WHMIS IDL:**

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List: **None**

**WHMIS Status:** Not controlled

**WHMIS Classification:** None

**16. OTHER INFORMATION**

Fiberlay Inc. believes the law requires us to inform you that detectable amounts of any of the listed chemicals might be present in Fiberlay products. Based on a review of the list, Fiberlay products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to our products as ingredients, some of the listed chemicals may be present in the raw materials as received from suppliers over which we have no control.

**Preparation Date:** 12-31-2018

**Prepared by:** Kevin Aber

**Comments:** This Safety Data Sheet was prepared using information provided by Fiberlay Inc.

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