



FULLTECH FIBER GLASS CORP.

Safety Data Sheet

1、 Product and company identification

Product name : Fiber Glass
Synonym : Fiber glass yarns and Fiber glass products
Supplier : Fulltech Fiber Glass Corp. Dou Leu : NO.8, Dou Kong 16 Road, Dou Leu City 640, Taiwan. TEL : +886-5-557-6869 FAX : +886-5-557-5265 Hu Wei : NO.8, Ke Hu 2nd Road, Hu Wei Township, Yun Lin county TEL : +886-5-770-1999 FAX : +886-5-632-8684 Taipei : 28F, NO.216 Tunhwa South Road, SEC.2, Taipei, Taiwan. TEL : +886-2-2735-3658 FAX : +886-2-2735-7698
Emergency telephone : (05)557-6869

2、 Hazards identification

Emergency overview : - Potential acute health effects : 1. Inhalation : Dusts from this product may cause mechanical irritation of the nose, throat and respiratory tract. 2. Ingestion : Although ingestion of this product is not likely to occur in industrial applications, accidental ingestion may cause illness or irritation of the mouth and gastrointestinal tract. 3. Skin : Dusts from this product may cause temporary mechanical irritation. 4. Eyes : Dusts from this product may cause temporary mechanical irritation.
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3、 Composition/information on ingredients

Name	CAS No.	percentage
Glass Fiber	65997-17-3	>95%
Binder/Sizing	Not available	<5%

The composition (expressed in oxides) of **E-Glass** within the following percentages : SiO₂ 52-56%、 Al₂O₃ 12-16%、 CaO 16-25%、 B₂O₃ 5-10%、 MgO 0- 5%、 Alkaline Oxides (Na₂O, K₂O) 0- 0.5%、 Fe₂O₃ 0.05-0.4%、 TiO₂ 0- 1%、 F₂ 0- 1%.

4、 First aid measures

Inhalation : Remove to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel and get medical attention.
Ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Get medical attention.
Skin : Gently wash with plenty of soap and water. If irritation persists, seek medical attention. If glass fiber becomes embedded, get medical attention.
Eyes : If irritation persists, keeping eyelids open, seek medical attention.



FULLTECH FIBER GLASS CORP.

Safety Data Sheet

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5、 Fire-fighting measures

Suitable fire extinguisher : Use an extinguishing agent suitable for the surrounding fire.

Hazardous combustion products : Fiberglass will not burn, but smoking of the product may occur at approximately 400 -500 °F (approximately 200 - 260 °C) due to decomposition of the surface binder. Surface binders may decompose in a fire situation and release carbon monoxide, carbon dioxide and water.

Special exposure hazards : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fiberglass itself will not support combustion, but in a sustained fire, proper protection against products of combustion from the fuel and sizing/binder must be worn.

6、 Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Environmental precautions : Fiberglass is generally considered to be an inert solid waste. No special precautions are needed in case of a release or spill.

Spill : Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

7、 Handling and storage

Handling : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not swallow. Do not get in eyes or on skin or clothing.

Storage : Store in accordance with local regulations.

8、 Exposure controls/personal protection

①.Exposure controls

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures : No special ventilation requirements.

Hygiene measures : Good personal hygiene and the use of barrier creams, caps, protective gloves, cotton coveralls or long sleeved loose fitting clothing will maximize comfort.



FULLTECH FIBER GLASS CORP.

Safety Data Sheet

8、 Exposure controls/personal protection

<p>Personal protection</p> <p>Eyes : Safety glasses with side shields.</p> <p>Skin : Wear clean, body-covering clothing.</p> <p>Hands : Use gloves to protect against physical irritation or injury if required by handling conditions.</p> <p>Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.</p>

9、 Physical and chemical properties

Color : White	Odor : Odorless.
Physical state : Solid	Melting/freezing point : >800
pH : 5.0~7.0 (1% aq.)	Boiling/condensation point : Not available.
Flash point : Not available.	Evaporation rate : Not available.
Vapor pressure : Not available.	Vapor density : Not available.
Specific gravity : 2.500~2.700 (30)	Solubility : Insoluble.
Partition coefficient: n-octanol/water : Not available.	Volatility : Not available.

10、 Stability and reactivity

<p>Stability : The product is stable.</p> <p>Conditions to avoid : When exposed to high temperatures may damage the products.</p> <p>Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.</p> <p>Hazardous decomposition products : Surface binders may decompose in a fire situation and release carbon monoxide, carbon dioxide and water.</p>
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11、 Toxicological information

<p>Respiratory : Not available.</p> <p>Skin : Not available.</p> <p>Eyes : Not available.</p> <p>Ingestion :</p> <p>LD50 : Not available.</p> <p>LC50 : Not available.</p> <p>Sensitization : Dusts from this product may cause temporary irritation.</p> <p>Chronic toxicity Conclusion/Summary : Not available.</p>



FULLTECH FIBER GLASS CORP.

Safety Data Sheet

12、 Ecological information

Environmental effects : No known significant effects or critical hazards.

13、 Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14、 Transport information

UN number : None.

Proper shipping name : None.

Classes : None.

Ocean pollutant (yes/no) : No

Additional information : None.

15、 Regulatory information

Europe inventory (REACH) : Please contact your supplier for information on the inventory status of this material.

16、 Other information

Hazardous Material Information System (U.S.A.)

Health : 1 **Flammability** : 0 **Physical hazards** : 0