F.I.T. INDUSTRIAL CO., LTD.

Safety Data Sheet

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1. Product and Company Information

Product Name： E-Glass yarn, TS-Glass yarn
Manufacturer： No.1-1, Xinpi, Jioupi Li, Taibao City, Chiayi Hsien 61242, Taiwan (R.O.C.) TEL：+886-5-361-3396 FAX：+886-5-361-3393

2. Composition and Ingredient Information

Common Name：Glass Fiber

Chemical Name	Wt.%	CAS NO.
Glass Fiber	97-100	65997-17-3
Filament surface sizing	0-3	Not available

3. Hazard Identification

Appearance and Odor：White, odorless.

Primary Route(s) of Exposure：Inhalation and skin contact.

Potential Health Effects：

ACUTE (short term)：Exposure to fibrous glass may cause temporary skin, eyes and upper respiratory irritation.

CHRONIC (long term)：No known.

Medical Conditions Aggravated by Exposure：Persons with a history of chronic respiratory or skin conditions that are aggravated by mechanical irritants may be at increased risk for worsening their condition from exposure during use of this product.

4. First-Aid Measures

Inhalation：Inhalation of glass fiber may result in irritation of the upper respiratory tract (mouth, nose and throat).

Skin Contact：Skin contact with dusts and fibers may produce itching and temporary mechanical irritation.

Eye Contact：Eye contact with glass fiber may produce temporary mechanical irritation.

Ingestion：Temporary mechanical irritation of the digestive tract. Observe individual. If symptoms develop, consult a physician.

5. Fire Fighting Measures

Flash Point and Method：NA (Not applicable)

Flammability Limits (%)：NA

Auto Ignition Temperature：NA

Extinguishing Media：Water, foam, carbon dioxide, dry chemical.

Unusual Fire and Explosion Hazards：No known.

Fire Fighting Instructions：In a sustained fire, self-contained breathing apparatus should be worn.

Hazardous Combustion Products：Size may decompose in a fire. Primary decomposition products include CO2, H2O.

6. Accidental Release Measures

Land Spill：NA

Air Release：NA

Water Spill：NA

Ventilation：Local exhaust ventilation should be provide, as necessary, to maintain exposures below established limits.

7. Handling and Storage

Handling：Avoid contact with eye and skin.

Storage：It is good that the temperature is not higher than 25 Celsius degree and humidity less than 65%.

Self-Life：The self-life of products is 6 months after delivery under the storage condition.

8. Exposure Controls and Personal Protection

Product Exposure Limits：No information was found.

Respiratory：Wear an approved respirator when the glass fiber was operated.

Eyes：Safety glasses or goggles.

Footwear：No special requirement.

Clothing：No special requirement

9. Physical and Chemical Properties

Physical State	Solid	**Odor type**	No Odor
Appearance	White	**Softening point**	840° C (E-Glass) 1000° C (TS-Glass)
pH	Not available	**Boiling point**	Not available
Vapor pressure	Not available	**Vapor density**	Not available
Specific gravity	2.5~2.7 (30° C)	**Solubility in water**	Insoluble

10. Stability and Reactivity

Stability：Glass fiber is stable under all conditions of use and storage.
Conditions to Avoid：None.
Hazardous Decomposition Products：Decomposition products include CO2 and H2O.
Hazardous Polymerization：Will not occur.

11. Toxicological Information

Carcinogenicity：There are no known reports of carcinogenicity of glass fiber.

12. Ecological Information

This material is not expected to cause harm to animals, plants or fish.

13. Disposal Considerations

Classification：Disposed material is not a hazardous waste.

Disposal Method：Disposal of waste according to local regulation.

14. Transport Information

DOT Shipping Name: This material is not regulated hazardous materials for transportation.

Hazard Class or Division：NA

Quantity Limitations：NA

15. Regulatory Information

SARA Title III

Hazard Categories

Acute health：Yes

Chronis health：No

Pressure hazard：No

Reactivity hazard：No

Fire hazard：No

16. Other Information

The information of material safety data sheet contained herein are based on data believed to be correct. The written information does not guarantee the quality or safety of your company finished goods. Determination of the suitability of the finished goods shall be the responsibility of your company.