



TAISHAN PRODUCTS

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MATERIAL SAFETY DATA SHEET

ACCORDING TO 91/155/EEC AND ISO 11014-1

Date: March 05, 2008

NUMBER: RJSSH0803302MSDSEU

IDENTITY (As Used on Label and List)

Product Name: Glass Fiber

Type:

1. ROVING: pultrusion roving T911 / roving for geotextiles T931 / winding roving T910/T940/T980 / roving for weaving T921 / spray-up roving T132 series / SMC roving T949 series / panel roving T982 / roving for mat T984 / roving for pipeline T982A / roving for thermoplastics T635B/T635C / long filament for thermoplastics T638
 2. MAT: chopped strand mat EMC series/EMCL series / continuous filament (needle) mat NM series / tissue mat TS-FS series / FRP surface mat AEMS series / knitted mat EMK series / multi-axial fabric ECW series
 3. woven roving EWR series
 4. chopped strand: chopped strand for PA T435D/T435W / chopped strand for PP T538 / chopped strand for PBT T536/T436 / chopped strand for BMC T437D/T437E
 5. YARN: G75/G150/G37/E225
- Trade Mark: CTG

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:

Taishan Fiberglass Inc.

Address (Number, Street, City, State, and ZIP Code):

Economic Development Zone, Taian, Shandong, 271000, China

Emergency Telephone Number: +86-538-6615938

Fax Number: +86-538-6615939

Contact Person: Mr. Guo Zhang

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Cas No.	Percent
Non Alkali Fiber Glass	65997-17-3	>91%
Organic Matter	N/A	<9%

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SECTION III - HAZARDS IDENTIFICATION**Emergency Overview:**

It's important to remember that the fiber are not "respirable fiber" (i.e. they do not penetrate the lowers lungs).

Eye: Solid or dust may cause irritation or corneal injury due to mechanical action.

Skin: Essentially nonirritating to skin. Mechanical injury only. Molten material may burn skin. Skin absorption is unlikely due to physical properties.

Ingestion: Single dose oral LD₅₀ has not been determined. Single dose oral toxicity is believed to be very low. Be careful not to swallow this product.

Inhalation: Dust may cause irritation to upper respiratory tract. At room temperature, exposures to vapors are unlikely due to physical properties; normal processing temperatures may generate vapors which may cause irritation if ventilation is inadequate.

SECTION IV - FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact: Flush skin with water after contact. Wash contaminated clothing before reuse. Do not rub excessively.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion: Get medical attention!

Allergy: Remove from scene of exposure.

SECTION V - FIRE FIGHTING MEASURES**Flammable Properties:**

Flash point: Not applicable

Method used: Not applicable

Flammability Limits:

LFL: Not applicable

UFL: Not applicable

Hazardous Combustion Products:

Silica, carbon oxides and traces of incompletely burned carbon compounds.

Other Flammability Information:

Dense black smoke emitted when burned without sufficient oxygen. Mechanical handling can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate.

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Extinguishing Media:

Carbon dioxide, foam, chemical powder or fine water spray.

Fire Fighting Instructions:

Keep unnecessary people away; isolate hazard area and deny unnecessary entry. Dense smoke emitted when burned without sufficient oxygen. Highly toxic fumes may release in fire situations.

Protective Equipment for Fire Fighters:

Wear positive-pressure self-contained breathing apparatus and full protective equipment.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Protection: See the section VIII.

Protect the Environment:

In leaching tests glass fiber waste did not emit any significant quantities of dangerous products and they can therefore be considered as **Inert Industrial Waste** or even **Common Industrial Wastes** as defined by national and local regulations.

Cleanup:

Spills should be minimized and they should be cleaned up when they happen.

SECTION VII - HANDLING AND STORAGE

Handling: Sensitive people should avoid prolonged skin contact. Avoid inhalation, contact with eyes or clothing. Wash thoroughly after handling. Keep container tightly closed.

Storage: Store in a cool, dry, and well-ventilated area and away from sources of ignition, excessive heat and direct sunlight. Keep container closed when not in use. Protect from physical damage. Put it lightly when packing and transport, prevent the packing and container from damage. Keep out of reach of children. Good store temperature is 25° and store humidity is 65%.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygiene Measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

We recommend the use of barrier cream, gloves, long sleeves, masks and goggles by all people with delicate skin.



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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**Appearance/Physical State:** Solid**Color:** Yellow-white / white**Odor:** Odorless**Solubility in Water:** Insoluble in water**pH:** Not applicable**SECTION X - STABILITY AND REACTIVITY****Chemical Stability:**

Stable in normal use and storage conditions, and in normally foreseeable usage conditions.

Hazardous Reactions:

Glass reinforcement strands are stable and never generate hazardous chemical reaction.

Hazardous Decomposition Products:In continuous combustion conditions, in addition to water vapour and CO₂, small quantities of CO and NO_x may be released by the combustion of the size and/or the binder.**Polymerization:**

Polymerization will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION**Carcinogenicity:**

This product is not identified as a carcinogen or probable carcinogen by IARC, NTP or OSHA.

Reproductive Effects:

No information available for the product.

Teratogenicity:

No information available for the product.

Neurotoxicity:

No information available for the product.

Mutagenicity:

No information available for the product.

Sensitization:

Rare possibilities of allergies.



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SECTION XII - ECOLOGICAL INFORMATION

This product is not biodegradable. Glass fiber and sizing products were not listed as products likely to destroy the ozone layer by the 1987 Montreal Protocol (Class 1 or Class 2). These lists are included in EC Regulation 3093/94 and in section VI of amendments to the "Clean Air Act" by the American Environmental Agency (EPA).

Environmental Fate:

On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

SECTION XIII - DISPOSAL CONSIDERATIONS**Waste Disposal Method:**

Recycling or reclamation should be encouraged where possible. Information in this MSDS is provided only as a guide. Landfill or incinerate in compliance with federal, state and local regulations.

SECTION XIV - TRANSPORT INFORMATION**US Department of Transportation Classification:**

The product is not a DOT controlled material (United States).

International Air Transportation Association Classification:

This product is not classified as a hazardous material for transport under IATA regulations.

International Maritime Organization – IMDG:

This product is not classified as a hazardous material for transport under IMDG regulations.

UN, IMO, ADR/RID, ICAO Code:

This product is not classified as a hazardous material for conveyance under these codes.

SECTION XV - REGULATORY INFORMATION**NFPA Hazard Code:**

Health hazard rating is 1.

Fire hazard is 0.

Reactivity rating is 0.

Special Hazard: None



These chemical substances of product are not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

SECTION XVI - OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

NOTE

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. RJS Standard Testing & Certification Center makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating there to. The data is offered solely for your consideration, investigation, and verification. RJS Standard Testing & Certification Center assumes no legal responsibility for use or reliance upon this data.