

玻璃纤维安全技术说明书 (MSDS)

Date: January 1st, 2022

Part 1: Products Name and Enterprise Identity

Products Name: Continuous fiberglass products, including Assembled roving, Direct roving, Fiberglass yarn, Woven roving, powder&emulsion Chopped strand mat.

Manufacture: Yuan Yuan New Materials Co., Ltd.

Add: Shangyou industrial park, Ganzhou city, Jiangxi PR, China

Post code: 341200

Enterprise emergency tel No (Beijing time: Monday-Saturday 8:00~18:00):
+86-797-8518612

Part 2: Composition Information

Main composition:

Products Name	Glass %	Resin %	Moisture %
CAS No.	65997-17-3	/	/
Assembled roving	98.40~99.80	0.20~1.50	0~0.10
Direct roving	98.90~99.75	0.25~1.00	0~0.10
Fiberglass yarn	98.15~99.70	0.30~1.75	0~0.10
Woven roving	98.80~99.75	0.25~1.00	0~0.20
Powder CSM	89.95~98.00	2.0~10.0	0~0.50
Emulsion CSM	89.95~99.00	1.0~10.0	0~0.50

Part 3: Hazards Identification

Fiberglass products belong to goods, According to EU 67/548/EEC and 99/45/EC and their latest revised instructions, they are not hazardous goods.

Hazards classification

No information

Route of entry

Skin contact, inhalation and eye contact

Health hazard

Skin contact: contact fiberglass and dust may cause transient skin allergy

Inhalation: Inhalation of fiberglass dust and particulates may cause allergies in nose, throat and respiratory tract.

Eye contact:contact fiberglass dust and particulates may cause transient eye allergy

Environmental effect

No information

Fire and explosion danger

No information

Part 4:First Aid Measure

Skin contact:

If skin allergy,wash the skin with the soap and water.Please do not use the hot water,as the hot water will make the pores of the skin open and the fiberglass go into deeper.If fiberglass go into skin,pull out it with tweezers.To avoid further deterioration, do not rub or catch infected skin. If persistent allergy should be sent to the hospital.

Inhalation:Immediately move the person to fresh air.If continuous allergy should be sent to hospital

Eye contact:

Wash the eyes with clean water at least 15 minutes.If continuous allergy should be sent to hospital

Part 5:Fire -fighting Measure

Burning Grade:Non combustible, but the resin coated on glass fiber can burn.

Harmful combustion products:The main releases of combustion are carbon monoxide, carbon dioxide and water. Other undetermined mixtures are also released.

Fire extinguishing method:

Extinguisher are dry powder extinguishers, foam extinguishers and water.

Precautions and measures for fire extinguishing:

In the process of fire fighting, firefighters must use self-contained breathing apparatus.

Part 6:Leakage Emergency Treatment

The product is a solid material. If it leaks on the ground, clean it with a broom, shovel it out with a shovel, and put it in the general waste. If the leak is in the water, it will be deposited and dispersed at the bottom of the drain or pond, and it is not easy to clean up; however, these materials are not dangerous in the water.

Part 7: Operation Disposal and Storage

Precautions for operation:

As far as possible to avoid the damage of the packaging, keep the product in the packaging; as far as possible to produce less dust, make the working environment clean; avoid unreasonable operation to produce debris.

Store attention:

Keep products in packaging until they are used to prevent dust pollution.

Part 8: Contact Control / Individual Protection

Maximum permissible concentration:

not applicable

engineering control

The production area is airtight and maintains a certain relative humidity.

Respiratory system protection

A suitable respirator should be worn when working in a high concentration of dust.

Eye protection:

Wear glass goggles and face protection

Body protection:

It is recommended to wear long sleeved, long pants and loose fitting formal work clothes; skin allergies are mainly found at contact points, such as around the neck and waist.

Hand protection:

Wearing gloves; skin allergies are mainly found at contact points, such as between wrist and fingers.

Part 9: Physical and Chemical Characteristics

The appearance and character of the product:

White or yellowish white solid; tasteless.

melting point

>800°C。

relative density

2.3~2.6 times than water

Solubility:

Insoluble in water



Main Application:

Fiberglass is an inorganic non-metallic material for plastic reinforcement, sound absorption and insulation.

Part 10: Stability and Reactivity

Stability:

This substance is stable

Forbidden Object:

No

Conditions to avoid contact:

No

Aggregation hazard:

Can't happen

Part 11: Toxicological Data

Acute toxicity:

No

Irritation:

Glass fiber dust may cause skin and eye allergies. Inhalation can cause coughing, sneezing, nose and throat allergies. According to existing experience, inhalation of fiberglass may cause dyspnea, congestion and chest hardening.

Carcinogenicity:

The International Center for Cancer Research (IRAC) is a part of the World Health Organization, concluded that fiberglass is not a human carcinogen because there is insufficient evidence that fiberglass can cause cancer in humans and in experimental animals.

Part 12: Ecological Data

So far, there is no data on this product to prove its harmfulness. Fiberglass products are not listed as harmful to animals, plants and fish.

Part 13: Waste Disposal

Discard considerations:

Disposal of waste should be in accordance with local environmental protection rules.



Part 14: Transport information

Hazard classified & Number:

No

UN Number:

No

Packing Marks:

No

Packing Types:

No

Packing Methods:

With film and pallets

Precautions of Transport:

Avoid rolling and damp in transportation

Part 15: Regulation information

《Comprehensive Environment Response pollution and Liability Act》 (SARA) III:

Hazard Types:

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Pressure Hazard:	No
Reaction Hazard:	No

Report components:

Part 302/304:	No
Part 313:	No

《Clean Air Act》:

No components are included

《Workplace Hazardous Materials Information system》 (WHIMIS) (Canada):

Not available

《Workplace Hazardous Materials Information system》 (WHIMIS) Classified:

No

National Chemical Catalog:

Based on the Mandatory Regulations for the sale and use of chemicals in the country where the products are manufactured by Yuan Yuan New Materials Co.,Ltd. Each chemical component contained in fiberglass products coated with sizing should be listed in the national chemicals catalog of the producing country.

However, continuous fiberglass products are a kind of articles in the following National Chemical Catalogs, so some related information is not listed in these catalogs.

EU Inventory of Existing Chemical Substances: EINECS/ELINCS

US EPA Toxic Substances Control Act: TSCA

Canadian Chemical Registration Regulations: NDSL/DSL

Japanese Chemical Substance Control Act: CSCL

Australian Chemical Substances Directory: AICS

Philippine List of Chemicals and Chemical Substances: PICCS

List of Existing Chemicals in Korea: (K) ECL

Chinese New Chemical Substance List

Part 16: Other information

Date of filling

January 2022

Filling department:

Quality Research and Development Department of Yuan Yuan New Materials Co., Ltd.

Data Review Authority:

Vice-President of Quality Dep. of Yuan Yuan New Materials Co., Ltd.