

Material Safety Data Sheet

according to the Commission Regulation (EU) No. 2015/830 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Trade name: Glass mesh fabric

Revision date: January 2024

Revision No. 3

Printing date: January 2024

Glass fabric is considered as an article under REACH Regulation (EU) No. 453/2010 (Title 1, Chapter 2; Article 3.3.) therefore registration and production of safety data sheet are not required. The following information is for informational purposes only.

01. Identification of the substance and company

Trade name

Glass reinforcement mesh such as ES 049, ES/S 015, ES-L 364, ES-L/S 014, PZ 30, AL 250, AP-W 085, IN 083, IN/S 060 and similar styles

Specified proper use of substance / preparation

Reinforcing mesh for the building industry and further industrial applications

Details of manufacturer / supplier of Material Safety Data Sheet

Rockbond SCP Ltd

Address

7 Te Puni St, Petone, Wellington

Phone number - technical information

+64 568 5401

Email:

sales@rockbond.co.nz

Emergency telephone number:

0800 764 766

02. Hazards identification

Description of possible hazard

Mechanical injury / irritation of skin caused by the fine glass fibres

Additional hazard information concerning accident prevention and environment protection

none

03. Composition / information on ingredients

Chemical properties of the substance

Reinforcement mesh made from glass yarn and/or glass roving, coated with Styrene-Butadiene-Rubber

Dangerous components

Their share: not applicable

Classification: not applicable

Materials with the maximum concentration figures required in the EU

Their share: not applicable

Classification: not applicable

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04. First aid measures

General remarks

In case of proper use no first aid measures are required - for this see sections 7 and 8

Inhalation

Ensure breathing fresh air, in case of the irritation of the respiratory tracts obtain medical attention.

Skin contact

Wash skin with water

Eye contact

Remove the contact lenses, if any. Rinse eye immediately with plenty of water while eyelids are open. If necessary, consult an eye-specialist.

Ingestion

After ingestion let the injured sup water.

Advice to physicians

Glass fibres used for our mesh are harmless. They are made from filaments with a diameter of 9 micron and more and so far bigger than the respirable size of 3 micron.

05. Fire-fighting measures

Suitable extinguishing media

Water, foam, dry chemical powders

Unsuitable extinguishing media

not known

Specific hazards originated from the substance or preparation, combustion products or resultant gases

Keep in mind that toxic gases may be released during combustion.

Special protective equipment during fire fighting

Self-contained breathing apparatus (isolating equipment) should be used.

Further information

none

06. Accidental release measures

Personal protective measures, personal protective equipment and emergency procedures

not applicable

Environmental precautions

not applicable

Clean-up / removal methods

none

Reference to other sections

none

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07. Handling and storage

Precautions concerning safe handling

In case of heavy mechanical stress, the glass screen fabric may cause dust formation and spreading airborne fibres, which may be troublesome. In case of skin contact irritation of skin is possible. If necessary, it may be advisable to install a local air extractor or to wear personal protective equipment.

Fire and explosion control precautions

Special fire and explosion protection measures are not required

Other instructions

none

Conditions of safe storage along with the possible incompatibilities

As a result of UV-exposure the product becomes rigid

Requirements for the storage rooms and containers

not applicable

Storage class according to VCI*: 11

Specified fields of use

Reinforcing mesh for the building industry and further industrial applications

08. Exposure control / personal protection

Occupational workplace exposure and/or biological limit values

Workplace limit values (in Germany: AGW)

Specification: general limit values for dust loading (fine dust)

Value: MAK 6 mg/m³ (Average Concentration value)

Peak loading (Peak Concentration value): not applicable

Harmful to fruits: no

Norms for occupational load according to the European Union

Specification: Short Term Exposure Limit (STEL):

Long term (time-weighted) average (8 h TWA):

Skin notation: Use of skin sealant of basically advisable for preventing skin-diseases.

Exposure control not applicable

Personal protective equipment

The design version of the personal protective equipment should be chosen in accordance with the nature of works depending on the formation of fine dust.

Respiratory protection Wear dust mask against fine dust if necessary.

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Hand protection

Wear protective gloves against dust if necessary

Material of gloves:

Thickness of material layer (mm):

Penetration time (min):

Eye / face protection

In case of dust formation wearing safety goggles is advisable.

Body protection

In case of proper use body protection with full coverage protective clothing or boots is not required.

Avoid wearing tight-fitting protective clothing (it may cause mechanical irritation of the skin).

General safety and sanitary measures

Wash hands prior to short rest periods and after work. Afterwards the those having sensitive skin should use fatty protective cream.

Environmental exposure control

not applicable

09. Physical and chemical properties

Appearance

Physical state:

solid

Colour:

various depending on design

Odour:

odourless

Basic data concerning safety

explosion risk:

not applicable

low explosion limit:

not applicable

upper explosion limit:

not applicable

vapour pressure:

not applicable

density:

not applicable

run-out time:

not applicable

solubility in water:

insoluble

pH:

not applicable

melting point (melting range):

not applicable

flash point:

not applicable

auto-ignition temperature:

not applicable

10. Stability and reactivity

Conditions to avoid

Exposure of direct UV radiation, sustained exposure to moisture

Incompatible materials

Sustained affect of strong caustics damages the material

Hazardous decomposition products expected

In case of proper use occurrence of dangerous reactions is not expected

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11. Toxicological information

On the basis of the manufacturer's experience effects of such nature are not expected

Results of toxicological tests No information is available on the product

Practical experiences Detrimental effects are not known

12. Ecological information

Ecotoxicity	toxicity to fish	not known
	to water invertebrates	not known
	to aquatic vegetation	not known

Mobility Data not available

Persistency and degradation Data not available

Bioaccumulation capability Data not available

Results of the evaluation of PBT properties Data not available

Other detrimental effects Not known

13. Disposal considerations

Handling of the substance / preparation

To be disposed in accordance with the requirements of the local authorities

Recommendation storage at disposal sites, incineration

Code numbers according to the (German/Austrian) waste list (AVV)

fabric material: 31416

waste of mineral fibre / component of the layer coating: 57303

Handling of packaging material

Contaminated packaging material

Remove the glass fibres and residual materials from the packaging and arrange for its forwarding for recycling purposes according to the currently valid decrees concerning the packaging materials

14. Transport information

The material is not classified as hazardous material.