

1. Identification Of Substance/ Preparation And The Company Description

- 1.1 Product identifier:**
OBEX CORTEX 0230FR Class A2
- 1.2 Relevant identified uses of the product and uses advised against**
Roofing, facade and walls membranes with (or without) aluminium foil
- 1.3 Company Identification**
OBEX Protection Ltd
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Norton Road
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WR5 2QR
Tel (including for emergencies): 01905 337800
(Mon – Fri 7am – 5pm)
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2: Hazards Identification

- 2.1 Classification of substance or mixture:**
This material is classified as a non-hazardous article.
- 2.2 Label Elements:**
None
- 2.3 Other hazards:**
see section 3 (possible dangers)

3: Composition/Information On Ingredients

- 3.1 Description:**
Products made from continuous filament glass fibres with a diameter of 9 µm. The fabric is treated with organic and inorganic binders. The fabric has a maximum finish content of 3%.

Ingredients

Fibrous Glass	>50%	CAS-No. 65997-17-3
E-glass		
Aluminium foil	20%	

4: First-Aid Measures

General comments:
When handled correctly, first aid measures are not necessary. Please note the comment under points 7 and 8.

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Inhalation:
Move person to fresh air. Seek immediate medical attention if irritation persists.

Eye contact:
Flush eyes with running water. Seek medical attention if irritation persists.

Skin contact:
Wash with mild soap and running water. To avoid further irritation, do not rub or scratch affected areas. Rubbing and scratching may force fibres into skin. Seek medical attention if irritation persists.

Ingestion:
Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that intestinal blockage does not occur.

5: Firefighting Measures

- 5.1 Suitable Extinguishing Media:**
Water, Dry Powder, CO2, Foam.
- 5.2 Unsuitable extinguishing media for safety reasons:**
No restrictions known.
- 5.3 Particular dangers from the product, its**

combustion products, or gas liberated.

Products are not flammable, are incombustible and do not support combustion: Only the sizing and/or binder are combustible and could release small quantities of hazardous gas in case of major and prolonged heat or fire.

Suitable extinguishing media:

Water, dry chemical, foam and carbon dioxide (CO₂).

5.4 Particular protective equipment when fighting fire:

Carry self-contained breathing apparatus.

6: Accidental Release Measures

6.1 Personal precaution:

Not applicable due to the finished nature of this product, see section 13 re waste disposal.

7: Handling And Storage

7.1 Instructions and precautions for safe handling including technical protective measures:

Severe mechanical loading of the fabrics or the aluminium foil can lead to the generation of dust and fly that may produce irritation. Contact with the skin may lead to local skin irritation. Should the situation arise, local extraction measures are advisable. See also point 8.

Information on fire and explosion protection: None

7.2 Condition for safe storage

Requirements for storage rooms:

dry

Non-compatible materials/restrictions on co-storage:

none

Storage instructions:

do not stack unsecured

Particular requirements for electrical plant and

appliances:

none

Measures to prevent build-up of static charge:

none

Storage class:

not applicable

7.3 Specific end uses:

N/A

8: Exposure Control And Personal Protection Measures

8.1 Control measures to limit and monitor exposure:

Not applicable

8.2 Exposure controls:

General Components with limit values/ classification which are specific to the place of work and have to be monitored (to TRGS 900) in connection with point 7.1

General national limit value

(Fine dust)

Additional information/measuring method

The product does not contain fibres with a diameter below 9µm. They present therefore only a possible irritant in the form of fly.

8.3 Personal protective equipment

No need for personal protective equipment. Skin protection: Loose-fitting long-sleeved shirt, long pants and gloves. General protection and hygiene measures: Wash hands prior to breaks and at the end of the working day. Persons with sensitive skin should use a fat-based protective cream. Avoid close-fitting working clothes.

9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State: Solid

Flash point: No data available

Ignition temperature: No data available

Self-ignition: No data available

Explosion danger: No data available

Continuous filament glass fabric, finish weave locked

Fire propagation characteristics: No data available

Vapour pressure: No data available

Density (20 °C): 2.0-2.6 g/cm³

Solubility in water: No data available

Solubility in oil: No data available

Dispersion coefficient in octanol/water: No data available

Other information: None

10: Stability and Reactivity

Chemical Stability:

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

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. See Section 5 of MSDS for hazardous decomposition products during a fire.

Possibility of Hazardous Reactions:

Glass yarn is stable and never generates hazardous chemical reactions. In case of a fire, small quantities of decomposition products from the combustion of the finish. See section 5.

11: Toxicological Information

Acute toxicity:

No acute toxicity data is available for this product.

Skin irritation:

No toxicological test data is available for the product.

Respiratory sensitisation:

Fibreglass continuous filament is a mechanical irritant. Breathing fibreglass dust and fibres may cause short-term irritation of the mouth, nose throat and skin.

Germ cell mutagenicity or carcinogenic risk:

European Commission Directive 97/69/EC, amendment to Directive 67/548/EEC which concerns classification, packing and labelling of hazardous substances does not include commercial glass fibres as having carcinogenic risk.

Products that are chopped, crushed or severely mechanically processed during manufacture or use may contain a very small amount of respirable glass fibre-like fragments. According to available exposure-monitoring data, the atmospheric loading in the workspace air of such fibre-like glass fragments is extremely low or not detectable.

Fibrous glass is not subject to the Ordinance on Hazardous Substances, shown in the German TRGS 900 and TRGS 905.

ACGIH:

A4 – not classifiable as a human carcinogen.

IARC: Group 3 – not classifiable with respect to human carcinogenicity.

Practical experiences

When handled and used properly no effects deleterious to health are known.

Long-term toxicity

There are no known chronic health effects connected with long-term use or contact with this product.

12: Ecological Information

12.1 Toxicity Assessment

No expected damaging effects to aquatic organisms

12.2 Persistence and biodegradability

Biologically non-degradable E glass is not biodegradable. Finishes are organic materials that slowly and only partially dissolve by natural agents like water. As the concentration of the ingredients and their solubility are very low, our fabrics are considered to have no adverse ecotoxicological effects.

Uncleansed packaging:

Remove fibre remnants from packaging and recycle according to packaging guidelines.

12.3 Mobility in soil Insoluble in water

12.4 Other adverse effects

None are known and products do not contain heavy metals, PBB/PBDE or PCB.

13: Disposal considerations

13.1 Waste treatment methods Recommendation:

The waste product code needs to be established with the responsible local authority. Waste Product code No. (Preferably) EAK-No. 101103
Waste name Fibreglass
Material Duty of proof no

13.2 Uncleansed packaging:

Remove fibre remnants from packaging and recycle according to packaging guidelines.

13.3

Glass fibres waste cannot be destroyed by incineration and can damage incinerators by the formation of a vitrified mass

14: Transport regulations

14.1

Road ADR, Railway RID, Transport by sea IMDG-code, Air transport ICAO-TI/IATA-DGR-For all

these standards this product is not regulated for transport.

Continuous filament glass fabrics are not considered as hazardous goods by transport regulations a packing group and do not need special procedures under any regulations. They are not qualified by a UNO number.

15: Regulations

15.1 Regulatory information:

Continuous filament glass fabrics do not require hazardous product labelling. They do not contain hazardous ingredients. As textile glass fibre products are not dangerous goods, they do not need labelling with R – and S – Phrases.

15.2 Chemical safety assessment:

As a non-hazardous product Coated glass fabrics do not require labelling under CLP Regulation (EC) 1272/2008