

## 1: Identification of the substance and company identification.

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- 1.1 Product identifier:**  
Glass fibre fabric with a silicone coating.  
Product designation: OBEX CORTEX 0200FR
- 1.2 Relevant identified:**  
Uses of the product: weather and airtight membrane with an A2 reaction to fire
- 1.3 Company Identification**
- OBEX Protection Ltd**  
Unit 5  
St. Modwen Park  
Norton Road  
Broomhall  
Worcester  
WR5 2QR  
Tel (including for emergencies): 01905 337800  
(Mon – Fri 7am – 5pm)  
Email: sales@obexuk.com

## 2: Hazards identification

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- 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:**  
N/A

## 3: Composition/information on ingredients

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- 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

Glass fibres 65-80 % CAS-No.65997-17-3

Silicone coating 20-35 % CAS-No.63394-02-5

- 3.2 Inhalation:**  
The inhalation of dust and fibres may cause short-term irritation of the mouth, nose and throat.
- 3.3 Eye contact:**  
With dust and fibre may cause short-term mechanical irritation.
- 3.4 Skin contact:**  
With stainless steel wire, dust and fibres may cause abrasion, itching and short-term irritations.

## 4: First-aid measures

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### 4.1 Description of first-aid measures

#### General comments:

When handled correctly, first-aid measures are not necessary.

#### Inhalation:

Move person to fresh air. Seek 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.

- 4.2 Symptoms and effects, both acute and delayed:**  
None.

- 4.3 No special treatment necessary**

## 5: Firefighting measures

Products are A2-s1, d0 fire rated.  
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.

### 5.1 Suitable extinguishing media

Water, dry chemical, foam and carbon dioxide (CO<sub>2</sub>)

### 5.2 Protective equipment and precautions for firefighters:

Wear self-contained breathing apparatus (SCBA) and full firefighting protective gear

## 6: Accidental release measure

### 6.1 Personal precaution:

Not applicable due to the finished nature of this product.

## 7: Handling and storage

### 7.1 Handling

- Wear appropriate personal protective equipment in case of direct contact with the product. (See section 8)
- Prevent and/or minimize dust formation

### 7.2 Storage

Store the product in a dry area in its packaging until use to minimize potential dust generation.

### 7.3 Storage class:

Non classified.

## 8: Exposure control and personal protection

### 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.

#### Respiratory:

If exclusive exposure to fly and dust is identified, the use of an F1 respirator is recommended.

#### Eye protection:

In the case of severe fly and dust creation, protective dust goggles should be worn.

#### 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

#### Form/State/Colour

Solid

Grey/white fibreglass

#### Odour

Odourless

#### Softening point

846°C to 1100°C

#### Density (20°C)

2.0-2.6 g/cm<sup>3</sup>

Boiling point: No data available  
Flash point: No data available  
Flammability: No data available  
Ignition temperature: No data available  
Self-ignition: No data available  
Explosion danger: No data available  
Explosive limits: No data available  
Vapour pressure: No data available  
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

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### 10.1 Reactivity:

If stored and handled under normal conditions no reactions either non-hazardous or hazardous are known, the product is inert.

### 10.2 Chemical stability and the possibility of hazardous reactions:

Stable and inert conditions to avoid – None known.

### 10.3 Incompatible materials:

None known.

### 10.4 Hazardous decomposition products:

Carbone oxides, Nitrogen oxides, formaldehyde.

## 11: Toxicological information

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### 11.1 Acute toxicity

No acute toxicity data is available for this product.  
Acute oral toxicity measurement ATE (oral: > 2000 mg/Kg)

### 11.2 Skin irritation

No toxicological test data is available for the product.

### 11.3 Respiratory sensitisation

Fibreglass continuous filament is a mechanical irritant.

### 11.4 Breathing

Fibreglass dust and fibres may cause short-term

irritation of the mouth, nose throat and skin.

### 11.5 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 no 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.

### 11.6 Practical experiences

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

### 11.7 Long-term toxicity

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

## 12: Ecological information

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### 12.1 Toxicity assessment:

No expected damaging effects to aquatic organisms

### 12.2 Persistence and biodegradability:

Biologically non degradable E glass is not biodegradable. Regarding the silicon coating, as the concentration of the ingredients and their solubility are very low, our fabrics are considered to have no adverse eco-toxicological effects.

**12.3 Mobility in soil:**  
Insoluble in water

**12.4 Other adverse effects:**  
None are known and the products do not contain heavy metals, PBB / PBDE or PCB.

(Group 3). The evidence from human, as well as, animal studies was evaluated by IARC as insufficient to classify continuous filament fibreglass as a confirmed, probable or even possible cancer-causing material.

National chemicals inventories  
Continuous filament glass fibre products are articles under the chemicals inventories listed below and consequently are exempt from listing on these inventories:

- The European Inventory of Existing Chemical Substances: EINECS/ELINCS,
- The US EPA Toxic Substance Control Act: TSCA,
- The Canadian Chemical Registration Regulations: NDSL/DSL,
- The Japanese Chemical Substances Control Law under METI: CSCL,
- The Australian Inventory of Chemical Substances: AICS,
- The Philippine Inventory of Chemicals and Chemical Substances: PICCS,
- The Korean Existing Chemicals List: (K)ECL and
- The Chinese List on New Chemical Substances

### Section 13: Disposal consideration

**13.1 Waste treatment methods:**  
Recommendation: The waste product code needs to be established with the responsible local authority.

<b>Waste name</b>	Fibreglass material
<b>Duty of proof</b>	No

**13.2 Uncleansed packaging:**  
Remove fibre remnants from packaging and recycle according to packaging guidelines.

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

### Section 14: Transport information

International transport provisions: None

### Section 15: Regulatory information

This product is not hazardous according to European Directive 99/45/ EC, 67/548/EEC and their latest amendment Information on noncarcinogenicity.

According to E.U. Directives the continuous filament glass fibres in these products are not classified as carcinogenic.

Continuous filament glass fibres are not within the scope of Directive 67/548/EEC per amendment 97/69/EC since they are not "fibres with random orientation."

The International Agency for Research on Cancer (IARC) in June 1987, and in October 2001, categorized continuous filament fibreglass as not classifiable with respect to human carcinogenicity

### Section 16: Other information

Recommended use and restrictions:  
This information within this sheet comes from sources that we consider in good faith.

Nevertheless, they were given without guaranty of accuracy. The conditions or methods of handling, storage, use or elimination are not under our control and cannot be our responsibility. That is the reason why, we accept no responsibility for loss or damage or expenses due to or linked with the handling, storage, use or elimination of the product. This Material Safety Data Sheet was written and must be used for this product only.

The information inside may not be applicable if the product is used as a component of another product.