OBEX CORTEX FR®

0242FR & 0243FR **RapidTray Pre-Formed Corners** Class A2

SDS
Safety Data Sheet
Version 02.01.01
Updated 05.01.2026

Products covered under this Safety Data Sheet

OBEX CORTEX 0242FR Class A2 RapidTray External Pre-Formed Corners & XL Version

OBEX CORTEX 0243FR Class A2 RapidTray Internal Pre-Formed Corners & XL Version

1. Product and Company Identification

1.1 Product Identification

Trade name/s:

- OBEX CORTEX 0242FR Class A2 RapidTray External Pre-Formed Corners
- OBEX CORTEX 0242FR Class A2 RapidTray External Pre-Formed Corners / XL
- OBEX CORTEX 0243FR Class A2 RapidTray Internal Pre-Formed Corners
- OBEX CORTEX 0243FR Class A2 RapidTray Internal Pre-Formed Corners / XL

1.2 Relevant identified uses of the sub-stance/mixture

Woven glass fibre with polymer coatings and filmic liner cut to shapes and bonded together with 0244FR RapidTray Sealing Tape and 0245FR RapidTray Double-Sided Tape to be used as pre-formed corner units in cavity tray and DPC locations.

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

2.1 Product classification

The product is not classed as hazardous to humans or the environment.

2.2 Other Hazards

Use of tools for cutting or fixing the product during installation may produce dust that is irritating to the eyes and/or respiratory tract. Suitable ventilation should be employed when using power tools.

3. Composition / Information on Ingredients

3.1 Composition

OBEX CORTEX 0242/0243FR Class A2 Rapid-Tray Pre-Formed Corners Units are made from cut pieces of 0240FR RapidTray DPC membrane. Pieces are made from woven glass fibre with polymer coatings and filmic liner. The shaped pieces are bonded and sealed together using 0244FR RapidTray Sealing tape which is a single-sided acrylic scrim reinforced tape, and using 0245FR RapidTray Double-Sided tape which is a double-sided scrim reinforced acrylic double-sided tape. It is not considered hazardous.

4. First Aid Measures

4.1 General Information

No special measures necessary.

4.2 Inhalation

Remove person to fresh air. Seek medical assistance if necessary.

4.3 Contact with Skin

Remove contaminated clothing. Wash affected area with soap and water.

4.4 Contact with the Eyes

Flush with water and seek medical advice.

4.5 Ingestion

Do not induce vomiting. Seek medical attention immediately.

5. Fire Fighting Measures

5.1 Suitable extinguishing media

Water, dry chemical, foam and carbon dioxide (CO^2)

5.2 Unsuitable extinguishing media

N/A

5.3 Special hazards arising from the product

No hazards expected.

5.4 Advice for firefighters

Adapt equipment to conditions as required.

6. Accidental Release Measures

6.1 Personal precautions

Ventilate sufficiently if dust from product is present.

6.2 Environmental precautions

Keep product away from groundwater, surface water and outflows.

6.3 Methods and Materials for Containment and Clear Up

Sweep up and dispose of according to local regulations.

7. Handling and Storage

7.1 Precautions for Safe Handling

Avoid the production of dust. Use cut resistant gloves due to sharp edge of termination bar and protective clothing as necessary.

7.2 Conditions for Safe Storage

Product should be stored in a dry area. Keep away from acids.

8. Exposure Controls / Personal Protection

8.1 Exposure Limits

Limit skin, eye, and respiratory exposure to dust.

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 there-fore only a possible irritant in the form of fly.

8.3 Personal Protective Equipment

Respiratory Protection: use a dust mask when handling and manipulating the product. If excessive dust is produced, use suitable ventilation.

Hand Protection: Wear gloves when handling the product. If using the 0241FR version wear cut resistant gloves.

Eye Protection: Wear safety goggles if in a situation where dust is generated.

Skin Contact: Wear protective garments to prevent direct contact with skin. If contact is expected, skin should be treated with a barrier or moisturizing cream.

General Precautions: Wash hands with soap and water after exposure. Do not eat or drink while using product.

9. Physical and Chemical Properties

Physical State	Solid
Colour	Black/White
Odour	Odourless
Melting Point	>1200°C
Boiling Point	Not applicable
Flammability	Not flammable
Explosion Limits	Not applicable
Flash point	Not applicable
Auto-ignition Temperature	Not applicable

pH	Not available
Solubility	Insoluble
Density	1000 kg/m^3

10. Stability and Reactivity

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

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

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.

13. Disposal Considerations

13.1 Waste treatment methods:

Recommendation: The waste product code needs

to be established with the responsible local authority.
Waste name: Fibreglass material
Duty of proof: 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.

14. Transport considerations

The product is not classified as hazardous for transport by any means of conveyance.

15. Regulatory Information

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

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 (Group 3). The evidence from human, as well as, animal studies was evaluated by IARC as insufficient to classify continuous filament fibreglass as a con-firmed, 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 Sub-stances: AICS,
- The Philippine Inventory of Chemicals and Chemical Substances: PICCS,
- The Korean Existing Chemicals List: (K)ECL and
- The Chinese List on New Chemical Sub-stances

16. Other Information

Inform staff of the precautions to be taken, the risks and measures to be taken in the event of an accident. Provide the recommended PPE.

This safety data sheet complements the technical data sheet but does not replace it. The data described is based on our knowledge of the product at the indicated date. The user should pay special attention if using this product for purposes other than those for which it was designed, taking responsibility for any occurrences that arise.