



Material Safety Data Sheet

PTFE COATED GLASS FABRIC

1. Identification of the product and of the company/undertaking

Product Name:	Falc-O-Tex PTFE Coated Glass Fabric
Appearance and Odour:	Brown, Black, Blue, Green, Silver, Gold coloured fabric. Odourless
Intended Uses:	Heat and Chemically Resistant, Non Stick Release Fabric

2. Hazards identification

Classification:	Not hazardous
Label elements:	No special packaging or labelling requirements.
Other hazards Route of Entry:	This material may enter the body through inhalation of dust arising during processing Target Organs: Respiratory system Inhalation: Sore, raspy throat Skin Contact: Redness and possible rash; itching Eye Contact: Itching and redness The product does not contain SVHC according to Article 57 of Regulation (EC) No 1907/2006

3. Composition/information on ingredients

Name Conc.	(% w/w)	Classification
Glass fabric (CAS-No. 65997-17-3):	40 - 60	None
PTFE coating (CAS-No. 9002-84-0):	40 - 60	None

4. First aid measures

No need for first aid measures expected during normal conditions of use.
Description of first aid measures in cases of exposition to dust arising during processing / cutting.

Eyes exposure:	Rinse with water. Do not rub eyes. Seek medical attention.
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Skin exposure:	Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention.
Inhalation:	Remove person to fresh air. If condition persists, seek medical attention.
Ingestion:	Not a likely route of entry
Most important symptoms and effects, both acute and delayed.	
Exposure to fumes generated if the product is heated above 380°C may result in "Polymer Fume Fever" due to the PTFE decomposition products.	
Signs and Symptoms of Exposure:	"Polymer Fume Fever"-- flu-like symptoms (chills, fever, tightness in the chest), appearing two or more hours after exposure.
Emergency First Aid Treatment:	Remove patient to fresh air; call physician. Following severe exposure to fumes the patient should be kept under medical review for at least 48 hours as delayed pulmonary oedema may develop.
Indication of any immediate medical attention and special treatment needed:	Not applicable

5. Firefighting measures

Suitable extinguishing media:	Foam, carbon dioxide, dry chemical, water spray jet As appropriate for surrounding materials / equipment.
Unsuitable extinguishing media:	Not known
Hazards during firefighting Hazardous Combustion Products:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Fluorocarbon gases, hydrogen fluoride, carbon monoxide, carbon dioxide, traces of incompletely burned carbon compounds, silica, formaldehyde.
Advice for firefighters:	Wear facemask, self-contained breathing apparatus and full protective clothing. Wear neoprene gloves when handling refuse from a fire involving this product to protect against possible contamination with hydrofluoric acid.

6. Accidental release measures

Personal precautions, protective equipment and emergency:	Not applicable
Environmental precautions:	Not applicable
Methods and material for containment and cleaning up:	Clean mechanically and dispose of according to regulations.
Reference to other sections:	Not applicable

7. Handling and storage

Precautions for safe handling:

The major health hazard associated with this product is the inhalation of thermal decomposition products. Avoid inhalation of vapours that may be evolved at elevated temperatures. Thermal decomposition at temperatures greater than 380°C yields a range of highly toxic and corrosive products. Avoid contact with naked flames and hot surfaces as corrosive and very toxic decomposition products can be formed. Avoid contamination of smoking materials; do not smoke while cutting, heat sealing, or fabricating material.

Conditions for safe storage, including any incompatibilities:

Not known

Specific end use(s):

Various industrial applications

8. Exposure controls/personal protection

Control parameters:

Product related occupational exposure limit values are not available;
Local exposure limits for dust should be considered during cutting / processing

Exposure controls:

Appropriate engineering controls and individual protection measures are not needed during normal use.
Use local exhaust, dust collection during processing as necessary.
Use safety glasses; cotton gloves; long sleeve clothing in order to protect from dust as necessary.

9. Physical and chemical properties

Information on basic physical and chemical properties;

Appearance and physical state:

Solid

Solubility:

Insoluble in water

PH:

Not applicable

Melting point:

320 – 345 °C (coating)

Boiling point:

Not applicable

Ignition temperature:

> 500 °C (according to PTFE)

Vapour pressure:

Not applicable

Flash point:

Not applicable

Explosive properties: No

10. Stability and reactivity

Reactivity: None known

Chemical stability: Stable under normal usage conditions

Possibility of hazardous reactions: None known.

Conditions to avoid: Temperatures above 350°C

Incompatible materials: None known

Hazardous Decomposition or By-products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Fluorocarbon gases, hydrogen fluoride, carbon monoxide, carbon dioxide, traces of incompletely burned carbon compounds, silica, and formaldehyde.

11. Toxicological information

Information on toxicological effects: No adverse effects are normally expected as fiberglass is well coated by the polymer. During cutting / processing exposition to fiberglass dust may occur.

Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat. Fiberglass can cause itching due to mechanical irritation from the fibres. This is not an allergic reaction to the material. Breathing fibres may irritate the airways resulting in coughing and a scratchy throat. Some people are sensitive to the fibres, while others are not.

12 Ecological information

General: Do not dump; prevent contamination of soil, ground and surface water.

13. Disposal considerations

Waste treatment methods: Dispose of in accordance with local regulations. Landfill is preferred; burning not recommended. With incineration, gaseous products should be removed by alkaline scrubbing

14. Transport information

Road / Rail (ADR/RID): Not subject to ADR/RID.

Sea transport (IMDG): Not subject to IMDG code.

Air transport (IATA): Not subject to IATA regulations.

15. Regulatory information

Safety, health and environmental
regulations/legislation specific for the
substance or mixture:

Not applicable for the product

Chemical safety assessment:

Not applicable for the product

16. Other information

Our products are articles according Article 3(1) of Regulation (EC) No 1907/2006 and therefore not subject of any legal requirements regarding Material Safety Data Sheets, safety assessment or testing.

This Health and Safety Information has been prepared based on the knowledge of raw materials used in order to provide appropriate safety and handling information.

Our products are not subject of the EU Regulation (EC) No. 1272/2008.

New issue, no revision indication applicable

Abbreviations:

PTFE:

Polytetrafluoroethylene

SVHC:

Substances of very high concern

ADR:

European Agreement concerning the International Carriage of Dangerous Goods by Road

RID:

Regulations concerning the international carriage of dangerous goods by rail, appearing as Annex I to Appendix B to the Convention concerning international carriage by rail (COTIF);

IMDG:

International Maritime Dangerous Goods Code,

IATA:

International Air Transport Association

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should decide as to the suitability of the information for their particular purposes.

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