



Product Name:
Item Number

Single Side Adhesive PTFE Coated Glass Fabric

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Applies to item numbers where /xx/ can be /04/, /05/, /06/, /08/, /D4/, /D5/

Revision Date: 18/07/2019

Version: 4

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: Single Side Adhesive, PTFE Coated Glass Fabric

1.2 Relevant identified uses of the substance or mixture and advises against

Identified uses:

Applications requiring thermal and chemical resistance.

1.3 Details of the supplier of the safety data sheet

Address

FOTHERGILL COATED FABRICS LTD
Unit 12
Riverside Drive
Rochdale
OL16 2SH

Email

sales@f-c-f.co.uk

1.4 Emergency Telephone Number

+44 (0)1706 64 55 66

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or the mixture

Classification according to Regulation (EC) No 1272/2008:

Not classified under the European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP) and its subsequent amendments.

2.2 Label elements

Not applicable.

2.3 Other Hazards

Physical / Chemical Hazards:

WARNING: May cause mild skin/eye irritation. May cause respiratory irritation, Do not inhale combustion products.

Health Hazards:

If dust is generated, it could cause minor mechanical irritation to the respiratory tract and may cause temporary irritation or rash on skin. May also cause temporary irritation or inflammation on eye contact. Inhalation of combustion products of PTFE can have a variety of effects ranging from flu like symptoms to lethal poisoning. Although unlikely, low levels of PBT, vPvB and REACH SVHC materials may persist.

Environmental Hazards:

Glass/PTFE products are not readily biodegradable
No known harmful effects on the environment

3. COMPOSITION/INFORMATION ON INGREDIENTS



3.1 Substances

Not Applicable, This material is regulated as a mixture.

3.2 Mixtures

This material is defined as a mixture.

Description of Mixture: PTFE Coated Glass Fibre

Ingredients

Ingredient Name	Max Amount (wt %)	CAS #	Classification according to Regulation (EC) No. 1272 [CLP]
Oxides of silicon, aluminium, calcium, boron magnesium fused in an amorphous, vitreous state.	85%	65997-17-3	Not a hazardous substance or preparation
Polytetrafluoroethylene (PTFE)	70%	9002-84-0	Not a hazardous substance or preparation
Tetrafluoroethylene/perfluoro copolymer (PFA))	14%	26655-00-5	Not a hazardous substance or preparation
Vinylidene chloride copolymer (PVDC)	0.8%	None	Not a hazardous substance or preparation
Decamethylcyclopentasiloxane	1.5%	541-02-6	vPvB: No data available
Dodecamethylcyclohexasiloxane	0.3%	540-97-6	vPvB: No data available
Dicyclohexyl Pthalate	0.6%	84-61-7	REACH SVHC Repr. 2: H361: Skin Sens. 1: H317: Aquatic Chronic 3: H412

vPvB: very persistent and very bioaccumulative substance.

4. COMPOSITION/INFORMATION ON INGREDIENTS

4.1 Description of first aid measures

Skin: Wash affected area with soap and warm water

Eyes: Remove contact lenses, flush eyes with copious amounts of water for 15 minutes.

Other first aid information: In all cases if irritation persists seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3 Indication of any immediate medical attention and special treatment needed

The need to have any special means for providing specific and immediate medical treatment available in the workplace is not expected.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: All standard fire fighting media (water, dry chemical, CO₂)

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Monomer fumes, hydrogen fluoride and various organic fluorides.

5.3 Advice for firefighters



Self contained breathing apparatus and full protective clothing should be worn.

Special fire fighting procedures:

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Release of this product is not expected to pose risk under normal circumstances.

6.2 Environmental Precautions

Prevent entry into waterways, sewers.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Minimise airborne dust

Wear an approved mask or respirator if;

Dust concentration exceeds local control limits or dust concentration is not known.

Decomposition fumes are generated during processing of PTFE products

Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure controls for hazardous components:

Glass Fibre (E Type)	OEL EH40/2005	
	Total inhalable dust	5 mg/m ³
	Total respirable dust	2.4 mg/m ³
Decamethylcyclopentasiloxane	ACGIH TLV	10 mg/m ³
	No data	
Dodecamethylcyclohexasiloxane	No data	
Dicyclohexyl Pthalate	WEL Long-term value	5mg/m ³

8.2 Exposure controls

Engineering controls

Presence of dust-handling systems is recommended to minimize dust generation and accumulation.

Personal Protection

Personal protective equipment is recommended, in particular if material is hot, to avoid thermal burns and irritation from fumes.

Respiratory: Appropriate respiratory protection if necessary, wash hands thoroughly after handling before smoking.

Hand: Sensitive individuals may need to wear gloves.

Eye: Sensitive individuals may need to wear goggles.

Skin: Wear long sleeved clothing.

Environmental controls

Protect the environment by applying appropriate control measures to prevent or limit emissions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Woven Fabric

Odour: None

Colour: Light tan to dark brown

Specific gravity: Glass 2.54



PTFE 2.15

Melting point/Melting range: Glass 800°C
PTFE 327-342°C
PFA 300-310°C
PVDC No Data
Decamethylcyclopentasiloxane -47°C
Dodecamethylcyclohexasiloxane -3°C
Dicyclohexyl Pthalate 63°C

Flashpoint: N/A

Boiling point/Boiling range: N/A

Auto ignition temp: N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity

Floropolymers do not readily react.
PVDC is not reactive.

10.2 Chemical stability

Floropolymers are considered inert with the exception of certain alkali metals and fluorinating compounds.
PVDC is considered stable.

10.3 Possibility of hazardous reactions

Low

10.4 Conditions to avoid

Thermal decomposition occurs above 380°C

10.5 Incompatible materials

Certain Alkali metals and fluorinating compounds.

10.6 Hazardous decomposition products

On decomposition, formation of fumes of monomer and waxy sublimate. At higher decomposition temperatures, hydrogen fluoride and various organic fluorides are evolved. These can be toxic even at low concentrations..

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation

Prolonged contact may cause slight skin irritation with local redness.

Serious eye damage/eye irritation

Mechanical irritation to eyes.

Respiratory sensitisation

Pre existing upper respiratory and lung diseases may be aggravated.

Mechanical irritant to upper respiratory tract.

Inhalation of PTFE fumes can range from a relatively benign "polymer fume fever" to lethal fluoride poisoning.

Ingestion Hazard

May be harmful if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Glass/Floropolymer products are not readily biodegradable
No known harmful effects on the environment

13. WASTE DISPOSAL



Dispose solid waste according to local regulations.

14. TRANSPORT INFORMATION

No special requirements.

15. REGULATORY INFORMATION

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

No labelling is required for this material under the European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP) and its subsequent amendments.

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

15.2 Chemical Safety Assessment

Not applicable

16. OTHER INFORMATION

History:

Date of Issue/ Date of revision:

18/07/2019

Date of previous issue:

30/10/2017

Prepared by:

SK

Version:

4

Disclaimer

All information and instructions provided in this safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products. Fothergill Coated Fabrics shall not be held responsible for any defect in the product covered by this SDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.