

HIGH PERFORMANCE MEDIUM DUTY ROLLED TWILL CLOTH

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

1.1 Product identifier

Product Name(s): High Performance Medium Duty Rolled Twill Cloth

Product Codes: 104-1077 (HSC1-1800)

Product Description: Double Faced Silicone rubber coated Glass Fabric

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

Identified uses: Industrial uses, Smoke curtains.

1.3 Details of the supplier of the safety data sheet

Address

Firechief Global
Sentura House,
3 Lands End Way
Oakham,
Rutland LE15 6RB

Email

sales@firechiefglobal.com

1.4 Emergency Telephone Number

0330 999 0019 Office Hours: Monday to Friday | 08:00 - 17:00

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or the mixture

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

Not classified.

2.2 Label elements

Not applicable.

2.3 Other Hazards

Physical / Chemical Hazards:

Not applicable

Health Hazards:

May cause mechanical irritation if in contact with eyes, skin, or respiratory system

Environmental Hazards:

No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex III.

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Woven Glass Fiber Textile
Pigmented Silicone Rubber

3.2 Mixtures

Fabric ~70-90% Oxides of Silicon, Aluminium, Calcium, Boron & Magnesium Fused in an Amorphous Vitreous State
Finish ~10-30% Silicone rubber containing pigments

Hazardous ingredients

Chemical Name	Amount (wt %)	CAS #	CLP Classification
N/A			

4. FIRST AID MEASURES**4.1 Description of first aid measures**

Skin: Contact with hot compound or decomposition products can produce burns.
Cool skin rapidly with cold water and wash with soap and water.

Eyes: Contact with curing fumes, flush eyes with copious amounts of water.

Inhalation: Inhalation of curing fumes. Remove to fresh air, In case of extreme exposure consult with a doctor.

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

4.2 Most important symptoms and effects, both acute and delayed

At processing temperatures, the combined ingredients (elastomer and other processing ingredients) may emit fumes and vapours that may cause irritation to the eyes. Processing operations may create vapours or fumes which may cause respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed

The need to have 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: Foam, Carbon Dioxide, Water spray.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Fumes of Carbon Dioxide & Carbon Monoxide.

5.3 Advice for firefighters

Special fire fighting procedures: In the event of a fire be aware of noxious fumes. Wear respiratory protection equipment.

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Not applicable.

6.2 Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Gloves should be worn when handling rubber compounds - Standard Nitrile gloves

7.2 Conditions for safe storage, including any incompatibilities

Store away from heat and ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters**

Exposure controls for hazardous components:

Glass Fibre	WEL (Workplace Exposure Limit) 8hr TWA	5.0 mg/m ³
Rubber Dust -	WEL (Workplace Exposure Limit) 8hr TWA	6.0 mg/m ³
Rubber Fume -	WEL (Workplace Exposure Limit) 8hr TWA Rubber fume has the potential to produce carcinogenic Nitrosamines and noxious substances	0.6 mg/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.**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:** Coated Woven Fabric**Odour:** N/A**Colour:** Various**Specific gravity:** N/A**Melting point/Melting range:** 800°C**Flashpoint:** N/A**Boiling point/Boiling range:** N/A**Auto ignition temp:** N/A

For more information contact: Firechief Global, 3 Lands End Way, Oakham, Rutland, UK, LE15 6RB | Imported into EU by: Sentura Group (Ireland) Ltd, Joyce House, 21-23 Holles Street, Dublin 2, Ireland



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10. STABILITY AND REACTIVITY

10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

Thermally stable at typical use temperatures.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Thermal decomposition occurs above 250°C.

10.5 Incompatible materials

Strong oxidizers, alkalis and acids.

10.6 Hazardous decomposition products

On decomposition, formation of fumes of Carbon Dioxide & Carbon Monoxide.

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

Fumes irritant to eyes.

Respiratory sensitisation

Fumes irritant to respiratory tract. Pre-existing respiratory and lung diseases may be aggravated.

Aspiration Hazard

May be harmful if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

No known harmful effects on the environment. Glass Fabrics are not readily Biodegradable.

13. WASTE DISPOSAL

Dispose as solid waste according to local regulations.

14. TRANSPORT INFORMATION

No special requirements.

15. REGULATORY INFORMATION

No labelling is required for this material by the Chemicals (Hazard Information and Packaging or Supply) Regulations 2002 (CHIP3), in accordance with EC Directives.

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This product data safety sheet was prepared in compliance with Commission Regulation (EU) 2015/830 of 28 May 2015 of the European Parliament and of the Council on Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations. This product safety sheet also complies with US OSHA regulations.

Whilst proper care has been taken in the preparation of this document, no liability for injury or damage resulting from its use can be accepted. Details given in this document are believed to be correct at the time of going to press. Before using this product in any new process or experiment, a thorough material compatibility and safety study should be carried out.