

# SAFETY DATA SHEET



**ENVIROGRAF®**

HS127-06-2019

## Product Number: 127 Double-Coated Silicone Fire Curtain

### **Description:**

A double coated, flexible and waterproof silicone fire curtain for thermal protection against radiant heat, offering up to 100 minutes of fire protection.

*Under Regulation 1907/2006 REACH Safety Data Sheets are only required for hazardous substances and mixtures/preparations; Intumescent Systems Ltd is not therefore legally obliged to supply Safety Data Sheets for its articles. Despite this Intumescent Systems Ltd has decided to provide its customers with information regarding the safe use and handling of the products listed above by means of this Safety Data Sheet.*

This product comprises of the following materials and therefore is supported by Health & Safety Data Sheets:

- (Appendix 25) Double Sided Silicone Cloth

\*The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

**HEALTH & SAFETY INFORMATION SHEET**  
**APPENDIX 25**  
*DOUBLE SIDED SILICONE CLOTH*

Issue 3. 06/09/2018

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**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

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PRODUCT NAME:	Double sided silicone cloth
MANUFACTURER/SUPPLIER:	Envirograf
ADDRESS:	Envirograf House, Barfrestone, Dover, Kent, CT15 7JG
TELEPHONE/FAX/EMAIL:	01304 842555    01304 842666    sales@envirograf.com
EMERGENCY PHONE NUMBER:	01304 842555 (Monday to Friday 8.30 to 5.30)

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**2. HAZARD IDENTIFICATION**

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In a sustained fire situation the coating will degrade to give smoke containing carbon monoxide and carbon dioxide.

There are no major health hazards associated with the base fabric; however exposure to glass fibres sometimes causes irritation of the skin and less frequently irritation of the eyes, nose or throat.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Chemical characterisation:** Fibrous glass (E-type, continuous filament) compositions consisting principally of oxides of silicon, aluminium, calcium, boron and magnesium, fused in an amorphous vitreous state. Vulcanised silicone

Glass fibre does not meet the classification for a 'dangerous substance' according to 67/548/EEC. Glass Fibre carries no CAS registry number and no EPA code designation number. Glass as a generic substance, the E-glass composition included, has been incorporated in the EINECS under no. 65997-17-3.

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**4. FIRST AID MEASURES**

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**Inhalation:** In case of inhalation of glass dust particles or fumes from thermal degradation move into fresh air, if irritation persists seek medical attention

**Skin Contact:** If irritation is a problem then rinse the affected areas with cool water, then wash gently with mild soap. If glass fibre becomes embedded in the skin then seek medical attention

**Eye Contact:** Flush eyes with clear water for at least 15 minutes, if irritation persists seek medical attention

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**5. FIRE-FIGHTING MEASURES**

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Glass fibre is inherently non-flammable, however the coating will burn off during a sustained fire.

**Suitable extinguishing media:** Water, carbon dioxide, dry powder

**Protective equipment for Firefighters:** In a sustained fire, self-contained breathing apparatus and protective clothing should be utilised

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions:** None

**Environmental precautions:** None

**Method for cleaning up:** Dust pan and wet brush

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## 7. HANDLING AND STORAGE

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**Precautions for handling:** No special measures, for personal protection see section 8. Glass fibre has electrical isolation properties and so may give some static

**Precautions for storage:** Store below 25°C in a dry, well ventilated place

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Respiratory protection:** None required, if airborne glass fibre concentrations exceed the control limit, respiratory protection for nuisance dust should be provided.

**Eye protection:** Safety glasses with side shields should be worn.

**Hand/Skin protection:** Protective gloves, overalls buttoned to fit loosely at the neck and wrists and long trousers may reduce irritation in some operations. Barrier cream may provide further protection from irritation.

**Hygiene measures:** Wash hands before breaks and at the end of the day. Launder items of clothing contaminated with glass fibre dust separately.

**Control limits:** Airborne glass dust – TLV = 5mg/m<sup>3</sup>  
Possible trace retained toluene = 100ppm

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** White woven fibres, coated both sides with grey silicone  
**Colour:** Grey  
**Odour:** None  
**pH Value:** Not applicable  
**Melting point (softening):** 830° C  
**Flash point:** Not applicable  
**Auto ignition temperature:** Not applicable  
**Explosive properties:** Not applicable  
**Specific gravity:** 2.6g/cm<sup>3</sup>  
**Solubility:** Insoluble in water. Glass fibre will disperse, to some extent in organic solvents like styrene, acetone etc.

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## 10. STABILITY AND REACTIVITY

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**Conditions to avoid:** Stable under recommended storage and handling conditions (see section 7)

**Material to avoid:** -

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide, silicone dioxide

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## 11. TOXICOLOGICAL INFORMATION

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**Inhalation:** The products of thermal decomposition, including carbon dioxide and carbon monoxide may cause dizziness and headache after prolonged low level exposure.

Pre-existing upper respiratory and lung disease may be aggravated.

**Skin contact:** No toxicological effect.

**Eye contact:** No toxicological effect.

This product is not manufactured using glass fibre with diameters that are classified as respirable (fibres with diameters less than 3.0 microns which are capable of travelling into the body to the trachea, bronchi etc) All of the fibres in this product have fibre diameters equal to or greater than 4.5 microns, and are therefore not physically capable of travelling beyond the nose and pharynx.

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## 12. ECOLOGICAL INFORMATION

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Glass fabrics are not readily biodegradable. No known harmful effects on the environment

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## 13. DISPOSAL CONSIDERATIONS

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**Waste from residues/unused products:** Dispose as solid, non-recyclable waste according to local regulations.

**Contaminated packaging:** Empty containers should be transported/delivered using a registered waste carrier for local recycling where possible or waste disposal.

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## 14. TRANSPORT INFORMATION

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No special precautions or restriction involving transport are known.

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## 15. REGULATORY INFORMATION

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**Symbols:** None

**Safety phrases:** None

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## 16. OTHER INFORMATION

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History:

**Date of revision** 6<sup>th</sup> September 2018

**Reason for revision** General review

**Sections revised:** All sections revised

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the most recent REACH Regulations. The product should not be used for purposes other than those shown without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current EU legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications

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