

COSHH DATA SHEET



ENVIROGRAF®

HS123-THS60-05-2015

Product Number: 123 THS60 Waterproof Fire Barrier Curtain For Thatched Roofs

Description:

Woven glass cloth coated on both sides with grey silicone

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 2. 02/04/2015

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

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
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2. HAZARD IDENTIFICATION

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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.

4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

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 Fire fighters: In a sustained fire, self contained breathing apparatus and protective clothing should be utilised

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: None

Environmental precautions: None

Method for cleaning up: Dust pan and wet brush

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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/m³
Possible trace retained toluene = 100ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

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/cm³

Solubility: Insoluble in water. Glass fibre will disperse, to some extent in organic solvents like styrene, acetone etc.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

No special precautions or restriction involving transport are known.

15. REGULATORY INFORMATION

Symbols: None
Risk phrases: None
Safety phrases: None

16. OTHER INFORMATION

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in section 1 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 national 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.
