

1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name/designation: Flex-Flash F Reinforcement.

1.2 Use of substance/preparation

Reinforcement for hot applied bituminous liquid membranes.

1.3 Manufacturer/Supplier

Supplier:
Alumasc Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG
Tel: +44 (0)1744 648400
e-mail: technical@alumascroofing.com

1.4 Manufacturer/Supplier

Emergency telephone: +44(0) 1744 648400 (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFICATION

Substances which could entail a danger	%	CAS No.	Symbols	R
None				
Impurities which could entail a danger				
None				

Other:

Polyethyleneterephthalate synthetic fibres (CAS 25038-59-9) 98-99%.
Titanium dioxide (CAS 13463-67-7).

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

Classification according to Directive 67/548/EEC:

Explosive:	Not applicable.
Oxidizing:	Not applicable.
Very highly flammable:	Not applicable.
Highly flammable:	Not applicable.
Flammable:	Not applicable.
Mutagenic:	Not applicable.
Highly poisonous:	Not applicable.
Poisonous:	Not applicable.
Harmful:	Not applicable.
Corrosive:	Not applicable.
Irritating:	Not applicable.
Carcinogenic:	Not applicable.
Others (to specify):	Not applicable.

4. FIRST AID MEASURES

4.1 Skin

Consult a doctor if any symptoms persist.

4.2 Eyes

Consult a doctor if any symptoms persist.

4.3 Ingestion

Do not induce vomiting; take to hospital with a copy of this safety data sheet.

4.4 Inhalation

Remove to fresh air. Consult doctor if any symptoms persist.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing agents

Use extinguisher suitable for the cause of the fire – Foam, Dry Powder, Water.

5.2 Unsuitable extinguishing agents

None.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

7.1 Handling

Special handling precautions:

None.

7.2 Storage

Special storage precautions:

None.

Packing materials to avoid:

None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure controls

If significant amounts of dust are generated during handling reduce exposures using good general ventilation, or local exhaust ventilation under extreme conditions.

8.2 Personal protective equipment

Use an approved dust respirator if the dust levels generated using the handling of this product may exceed 10 mg/m³. Under such extreme conditions use eye protection to prevent dust entering the eye.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Supplied in roll form with no odour. White in colour.

9.2 Important health, safety and environmental information

Melting point:	250-260°C.
Softening point (preparation):	Not applicable.
Boiling point:	Not applicable.
Decomposition points	
with decomposition products:	Not applicable.
pH:	Not applicable.
Vapour pressure at 20°C:	Not applicable.
Relative density at 20°C:	Not known.
Kinematic viscosity at 40°C:	Not known.

Physical state at 20°C: Solid. Average fibre dimensions = 19 microns diameter.
Solubility in water at 20°C: Insoluble.
Flash point: Not applicable.
Autoignition: 515°C.
Surface tension: Not applicable.
Distribution coefficient/n octanol/water: Not applicable.
Colour: White fibres in melt spun fleece form.

10. STABILITY AND REACTIVITY

10.1 Stability

Oxides of carbon may be produced in a fire situation.

10.2 Materials to be avoided

Avoid contact with oxidising agents, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

Inhalation of excessive amounts of dust may cause temporary upper respiratory tract irritation. Skin or eye contact may cause temporary minor irritation.

12. ECOLOGICAL INFORMATION

No information is available on this product. Polyester is stable and does not decompose under normal soil conditions.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations:	Disposal of this product and its packaging must comply with all applicable environmental protection and waste disposal legislation, including any requirements set by local authorities. Any unwanted or non-recyclable material should be disposed of through a licensed waste disposal contractor. Transportation of such waste may be subject to ADR (International Carriage of Dangerous Goods by Road) regulations and must be managed in accordance with those requirements.
Waste code:	20 01 39. - Plastics
Further information available via:	https://www.alumascroofing.com/downloads/disposal-guides/ 

14. TRANSPORT INFORMATION

Not classified as hazardous for the purposes of transport by road, rail, sea or air.

15. REGULATORY INFORMATION

Not classified as hazardous.

16. OTHER INFORMATION

No other information.

SDS version summary:

Version	Date of Update	Section Updated
2.0	27/05/2025	Section 13 update

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