

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

1.1 Product identifier

Trade name/designation: Caltech FCP 225 GFM.

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

Industrial uses: Reinforcing mat for inclusion in liquid applied roof waterproofing systems.
Professional uses: Reinforcing mat for inclusion in liquid applied roof waterproofing systems.
Uses advised against: Product is not for consumer use.

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: 01744 648 400 - (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition:

N/A.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]:

Not classified.

2.2 Labelling according to Regulation (EU) 1272/2008

Signal word: Not applicable.

Hazard statements: None.

Precautionary statements:

Prevention: None.

Response: None.

Supplementary statements: None.

Storage: None.

Disposal: None.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

Ingredient Name	Concentration %	Regulation (EC) No. 1272/2008 [CLP]
Fibreglass Continuous Filament EC 266-046-0 CAS: 65997-17-3	98-100%	Not subject to Regulations
PolyVinyl Acetate	0-2%	

Refer to Section 16 for additional wording.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Eye Contact:	Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation:	In extreme cases move affected person to the fresh air. If any symptoms persist obtain medical attention.
Skin Contact:	Flush contaminated skin with plenty of water. Use a mild detergent to remove. Do not rub or scratch irritated areas.
Ingestion:	Ingestion is unlikely. If it does occur, observe the person for several days to ensure that intestinal blockage does not occur.
Protection of First Aiders:	No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects:

Eye contact:	Causes serious eye irritation.
Inhalation:	Dust and fibres may cause irritation of the respiratory tract.
Skin contact:	May cause itching and temporary skin irritation.
Ingestion:	May cause mechanical irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:

Treat symptomatically.

Specific treatments:

No specific treatment.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:

Small fire: use dry power.
Large fire: alcohol-resistant foam, water spray or fog.

For safety reasons unsuitable extinguishing agents:

Not applicable.

5.2 Special hazards arising from the substance or mixture

Fibreglass will not burn, but smoking of the product may occur at c. 200-260°C. Fire will produce dense black smoke. Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke.

5.3 Advice for fire-fighters

Protective equipment:

Appropriate breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing fibres.
Refer to protective measures listed in Sections 7 and 8. If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2 Environmental precautions

Do not allow to enter drains or watercourses.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage and place in suitable container for disposal as non-hazardous waste.

6.4 Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures & advice on general occupational hygiene:

No special handling procedures.

7.2 Conditions for safe storage, including any incompatibilities

No special storage procedures but keep dry.

7.3 Specific end uses(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Product/Ingredient Name	Exposure Limit Values
Continuous Glass Filament	EH40/2005 WELs (United Kingdom (UK), 12/2011) TWA: 5mg/m ³ 8 hours (respirable dust) TWA: 10mg/m ³ 8 hours (total dust) TWA: 2 fibres/ml (respirable fibres)

Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the Assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs:
Not applicable.

PNECs:
Not applicable.

8.2 Exposure controls

Appropriate engineering controls:	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.
Personal protective equipment:	General protective and hygienic measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Breathing equipment:	Not usually required. Dust mask if high level of dust are encountered.
Protection of hands:	There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
Eye protection:	Safety glasses with side shields. (EN166)
Body protection:	Wear overalls or long sleeved shirt. (EN 467)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form:	Chopped strand mat.
Colour:	Off white.
Odour:	None.
Odour threshold:	Not applicable.
pH-value:	Not applicable.
Change in condition:	
Melting point/melting range:	Not applicable.
Initial boiling point/boiling range:	Not available.
Flash point:	Not applicable.
Evaporation rate:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Critical values for explosion:	
Lower:	Not applicable.
Upper:	Not applicable.
Vapour pressure at 20°C:	Not applicable.
Vapour density:	Not applicable.
Relative density:	2.6 g/cm ³ .
Solubility in / miscibility with water:	Insoluble in water.
Partition coefficient (n-octanol/water):	Not available.
Auto Ignition temperature:	Not applicable.
Decomposition temperature:	Not available.
Viscosity:	Not applicable.
Explosive properties:	Not applicable.
Oxidising properties:	Not applicable.

9.2 Other information

No additional information.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

Conditions to avoid:

Not applicable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Not applicable.

10.5 Incompatible materials

Not applicable.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. If involved in a fire, gases including CO, CO₂ can be generated.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

There is no data available on the product itself.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

There is no data available on the product itself.

Do not allow to enter drains or watercourses.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation: The generation of waste should be avoided or minimised wherever possible. The product is not considered as hazardous waste.

Hazardous waste: No.

Disposal considerations: Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. For further information, contact your local waste authority.

European Waste catalogue (EWC): 10 11 03 Waste Glass fibrous materials.

14. TRANSPORT INFORMATION

Not classified.

15. REGULATORY INFORMATION

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

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

CN Code: 7019 11 00.

EU regulation (EC) 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.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles - Not applicable.

Other EU Regulations:

VOC for Ready-for-use mixture - Not applicable.

Europe inventory - All components are listed or exempted.

National regulations.

16. OTHER INFORMATION

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

