

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

1.1 Product identifier

Trade name/designation: Caltech Antiskid Granules.

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

Relevant identified uses: Extender.

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

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

This product is classified as non-hazardous.

2.2 Labelling according to Regulation (EU) 1272/2008

This product does not have to be labelled.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.2 Mixture

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities, in accordance with EU or national regulations should be referred to in Section 3.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:	Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.
If inhaled:	If you feel unwell, seek medical advice (show the label where possible).
In case of skin contact:	Wash off immediately with soap and plenty of water. If skin irritation occurs, get medical advice/attention.
In case of eye contact:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed:	Rinse mouth. Do NOT induce vomiting. Call a doctor immediately.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂), Foam, Water spray, Dry powder.

Unsuitable extinguishing media:

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:
Hazardous decomposition products formed under fire conditions.

5.3 Advice for fire-fighters

Special protective equipment for firefighting
Additional information on firefighting

In the event of fire, wear self-contained breathing apparatus.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Do not allow run-off from fire-fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid dust formation. Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

Avoid dust formation. Use mechanical handling equipment. Clean contaminated surface thoroughly. Dispose of in accordance with local regulations.

6.4 Reference to other sections

Reference to other sections

Disposal considerations See also section 13

6.5 Additional information

Other information

Treat recovered material as described in the section "disposal considerations".

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

Avoid dust formation. Wear personal protective equipment. Handle and open container with care. Avoid contact with skin and eyes.

Precautions

Smoking, eating and drinking should be prohibited in the application area. For personal protection see Section 8. Observe label precautions.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements

Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage specifications

Store in original container.
Keep in a dry place.

TRGS 510:

13.

Recommended storage temperature 7-32 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection:	Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Half mask with a particle filter P2 (EN 143).
Hand protection:	Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Suitable material:	Nitriles.
Unsuitable material:	Woven fabric, leather gloves.
Eye protection:	Tightly fitting safety goggles.
Skin and body protection:	Wear suitable protective equipment. Long sleeved clothing.
General protective and hygiene measures:	Do not breathe dust. Avoid contact with the skin and the eyes. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Keep away from food, drink and animal feeding stuffs.
Engineering measures:	Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Solid.
Form:	Solid substance.
Colour:	white
Odour:	Odourless.
Odour threshold:	Product specific.
Melting point [°C] / Freezing point [°C]	302 °C
Initial boiling point [°C] & boiling range [°C]:	Not applicable.
Flash point [°C]:	Not applicable.
Explosion limits [Vol-%]:	Not applicable.
Decomposition temperature [°C]	> 350 °C
pH	Not applicable.
Remarks (	non-aqueous)
Viscosity, dynamic [kg/(m s)]	not applicable
Water solubility [g/l]	virtually insoluble
Partition coefficient n-octanol /water(log P O/W)	not determined
Vapour pressure [kPa]	not applicable
Density [g/cm³]	0,93 g/cm³
Temperature [°C]	20 °C
Vapour density	not applicable

9.2 Other information

9.2.2 Other safety-related parameters

Evaporation rate [kg/(s m²)]	not applicable
Miscibility with water	insoluble
Form	powder

10. STABILITY AND REACTIVITY

10.4 Conditions to avoid

Conditions to avoid	None under normal processing
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11. TOXICOLOGICAL INFORMATION

11.2 Additional information

Other information	No toxicology information is available.
Experience in practice	May cause sensitization by inhalation.

12. ECOLOGICAL INFORMATION

12.7 Other harmful effects

Further information on ecology	We have no quantitative data concerning the ecological effects of this product.
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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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:	Uncured product: 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances. Cured product inert residue: 17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 Empty metal paint tins with only hardened, inert residue: 15 01 04 metallic packaging
Special precautions:	This material and its container must be disposed of in a safe way. Caution should be exercised when handling empty containers that have not been properly cleaned or rinsed, as they may retain hazardous residues. Spillage and wash water from cleaning tools must be prevented from entering soil, watercourses, drains, or sewer systems. Empty containers should be directed to authorised waste disposal or appropriate local recycling facilities.
Further information available via:	https://www.alumascroofing.com/downloads/disposal-guides/ 

14. TRANSPORT INFORMATION

	*Land transport ADR/RID	*Marine transport IMDG	*Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	Non dangerous good	Non dangerous good	Non dangerous good IATA
14.3 UN proper shipping name	Not applicable.	Not applicable.	Not applicable.
14.4 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.5 Packaging group	Not applicable.	Not applicable.	Not applicable.

14.6 Special precautions for user

Precautions	No special measures are required.
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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant.

15. REGULATORY INFORMATION

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

Additional regulations:

Additionally, observe any national regulations!

Synthetic polymer microparticles:

The supplied synthetic polymer microparticles are subject to the conditions set out in Entry 78 of Annex XVII of UK REACH (retained Regulation (EC) No 1907/2006).

16. OTHER INFORMATION

Further information:

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.

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