

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

1.1 Product identifier

Trade name/designation: Caltech QC Balcofloor Filler

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

Relevant identified uses: Laminar mortar

Recommended restrictions: Reserved for industrial and professional 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 Emergency telephone number

Association / Organisation: National Poisons Information Service

Emergency telephone numbers: 0344 892 0111 (Healthcare professionals only)

Other emergency telephone numbers Alumasc Building Products: +44 17 4464 8400

(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 [CLP][1]:

This product is classified as not hazardous according to Regulation (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.2 Mixtures

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.

Eye contact:

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact:

- Wash off immediately with soap and plenty of water.
- If skin irritation occurs, seek medical advice/attention.

Inhalation:

If you feel unwell, seek medical advice (show the label where possible).

Ingestion:

Rinse mouth. Do NOT induce vomiting.
Call a physician immediately.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

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

Extinguishing media which must not be used for safety reasons:

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:

In the event of fire, wear self-contained breathing apparatus.

Additional information on firefighting:

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 material 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

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:

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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

8.2.1. Appropriate engineering controls	Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.
8.2.2. Personal protection	
Eye and face protection:	Tightly fitting safety goggles
Skin protection:	Wear suitable protective equipment. Long sleeved clothing
Hands/feet 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. Unsuitable material woven fabric, Leather gloves Suitable material Nitriles Material thickness 0,38 mm Break through time < 25 min
Body protection:	Wear suitable protective equipment. Long sleeved clothing
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).
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

Physical state:	Solid	Density [g/cm³]	1,72 g/cm³
Form:	Powder	Explosion limits [Vol-%]	not applicable
Odour:	Earthy	Vapour pressure (kPa):	not applicable
Odour threshold:	Product specific	Vapour density (Air = 1):	not applicable
pH (as supplied):	Not available	Auto-ignition temperature (°C):	not auto-flammable
Melting point/freezing point (°C):	600°C	Water solubility [g/l]	13-16 mg/l
Initial boiling point [°C] and boiling range [°C]	not applicable	Partition coefficient n-octanol /water (log P O/W)	not determined
Flash point (°C):	22,5°C	Autoignition temperature [°C]	not determined
Evaporation rate [kg/(s m²)]:	not applicable	Viscosity kinematic [mm²/s]	not applicable
		Oxidising properties	not determined

10. STABILITY AND REACTIVITY

10.4 Conditions to avoid

Conditions to avoid:
Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

11.1 Information on the hazard classes within the meaning of Regulation (EU) No. 1272/2008

Oral toxicity [mg/kg]	There is no data available for this product.
Dermal toxicity [mg/kg]	There is no data available for this product.
Inhalative toxicity [mg/l]	There is no data available for this product.
Irritant effect on skin	There is no data available for this product.
Irritant effect on eyes	There is no data available for this product.
Irritant effect on the respiratory tract	There is no data available for this product.
Sensitization	There is no data available for this product.
Mutagenicity	There is no data available for this product.
Carcinogenic effects	There is no data available for this product.
Reproduction toxicity	There is no data available for this product.
Specific target organ toxicity (single exposure) [mg/kg]	There is no data available for this product.
Specific target organ toxicity (repeated exposure) [mg/kg]	There is no data available for this product.
Aspiration hazard	There is no data available for this product.

11.2 Additional information

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

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish [mg/l]	There is no data available for this product.
Toxicity to daphnia [mg/l]	There is no data available for this product.
Toxicity to algae [mg/l]	There is no data available for this product.
Aquatic toxicity [mg/l]	There is no data available for this product.
NOEC (fish) [mg/l]	There is no data available for this product.
NOEC (daphnia) [mg/l]	There is no data available for this product.
NOEC (algae) [mg/l]	There is no data available for this product.

12.2 Persistence and degradability

Biodegradability	There is no data available for this product.
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12.3 Bioaccumulative potential

Bioaccumulation	There is no data available for this product.
Bioconcentration factor (BCF)	There is no data available for this product.

12.4 Mobility in soil

Distribution in the environment There is no data available for this product.
Mobility There is no data available for this product.

12.7 Other harmful effects

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

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:	06 03 16 - metallic oxides other than those mentioned in 06 03 15
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

Labels required:

	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
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
UN proper shipping name	Non dangerous good	Non dangerous good	Non dangerous good

14.6 Special precautions for user

Precautions
No special measures are required.

14.7. Bulk transport by sea according to IMO instruments

Transport in bulk according to Annex II of MARPOL 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!

16. OTHER INFORMATION

Version	Date of Update	Section Updated
1.1	03/04/2023	Template Change
2.0	27/05/2025	Section 13 update
3.0	04/06/2026	Section 11 & 12 Update

Other information:

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios.

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 67/548/EC, 1272/2008/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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