

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

1.1 Product identifier

Trade name/designation: Caltech QC Quartz.

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

Main use category: Industrial & professional uses.

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.

Further information:

EUH205: Contains epoxy constituents. May produce an allergic reaction.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

3.2 Mixtures

Hazardous ingredients

Ingredient	Numbers	Classification (EC) 1272/2008	Concentration
Quartz	CAS No.: 14808-60-7 EC-No.: 238-878-4 REACH No.:01-2119379499-16-XXXX	This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].	>= 95.0 - 100.0 % by weight

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

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

Avoid dust formation. Use personal protective equipment.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and 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

Disposal considerations see also Section 13.

6.5 Additional 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.

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.
Unsuitable material:	Woven fabric, leather gloves.
Suitable material:	Nitriles.
Material thickness	0,38 mm
Break through time	< 25 min
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.
Colour:	Greyish white.
Odour:	Odourless.
pH:	5-8.
Concentration:	400 g/l suspension in water.
Density [g/cm ³]:	2,65 g/cm ³ .

9.2 Other information

9.2.2 Other safety-related parameters

Evaporation rate [kg/(s m ²)]	not applicable
Form	solid

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.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal considerations: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code: 06 03 16 metallic oxides other than those mentioned in 06 03 15.

Uncleaned empty packaging: The return of packaging materials is regulated by the Interserop system.

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.
UN proper shipping name	Non dangerous good	Non dangerous good	Non dangerous good

14.6 Special precautions for user

No special measures are required.

14.7 Bulk transport by sea according to IMO instruments

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!

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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