

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

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

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

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

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

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

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

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

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.
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.
Colour:	Greyish white.
Odour:	Odourless.
Odour threshold:	Product specific.
pH:	5-8.
Concentration:	400 g/l suspension in water.
Initial boiling point [°C] & boiling range [°C]:	Not applicable.
Evaporation rate [kg / (s*m ²)]:	Not applicable.
Explosion limits [Vol-%]:	Not applicable.
Vapour pressure [kPa]:	Not applicable.
Vapour density:	Not applicable.
Density [g/cm ³]:	0,65 g/cm ³ .
Partition coefficient n-octanol/water (log P O/W):	Not determined.
Autoignition temperature [°C]:	Not determined.
Viscosity, dynamic [kg/(m*s)]:	Not applicable.
Oxidising properties:	Not determined.

10. STABILITY AND REACTIVITY

10.1 -

10.2 -

10.3 -

10.4 Conditions to avoid

None under normal processing.

11. TOXICOLOGICAL INFORMATION

11.1 -

11.2 Additional information

May cause sensitization by inhalation.
No toxicology information is available.

12. ECOLOGICAL INFORMATION

12.1 -

12.2 -

12.3 -

12.4 -

12.5 -

12.6 Other adverse effects

No data available.

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			
14.2 Description of the goods	Non dangerous goods	Non dangerous goods	Non dangerous goods
14.3 UN proper shipping name		Non dangerous goods	Non dangerous goods
14.4 Transport hazard class(es)			
14.5 Packaging group			

14.6 Special precautions for user

No special measures are required.

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!

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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