

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name : Caltech QC Powder Thixo

Ref: M718FR

Revision Date : 25.03.2015

Version : 1 /en

ALUMASC

ROOFING SYSTEMS

Replaces version from : 16.02.2015

Print date : 26.01.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name Caltech QC Powder Thixo

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

Relevant identified uses thickening agent

1.3 Details of the supplier of the safety data sheet

Address Alumasc Exterior Building Products Ltd
White House Works, Bold Road
Sutton, St Helens, WA9 4JG
Telephone : +44 (0) 1744 648 400

Responsible Department Technical Department

E-mail (competent person) roofing@alumasc-exteriors.co.uk

1.4 Emergency telephone number

Emergency telephone number +44 (0) 1744 648 400

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Classification according to Directive 67/548/EEC / 1999/45/EEC This product is not classified as dangerous according to 67/548/EEC / 1999/45/EEC.

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].

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

SECTION 3: Composition/information on ingredients

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.

Chemical characterization Microdispersed amorphous silicon dioxide

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SECTION4:Firstaidmeasures

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, seek 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 physician immediately.

SECTION5:Firefightingmeasures

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 firefighters

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.

SECTION6:Accidentalreleasemeasures

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".

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SECTION7:Handlingandstorage

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

Keep in a dry place.

TRGS 510

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SECTION8:Exposurecontrols/personalprotection

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 :

Nitrile

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. Von Nahrungsmitteln, Getränken und Tiernahrung fernhalten. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product.

General Information

Alveolar dust fraction 1,25 mg/m³

respirable dust fraction 10 mg/m³

2 (II)

Engineering measures

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

SECTION9:Physicalandchemicalproperties

9.1 Information on basic physical and chemical properties

Physical state

solid Form

powder

Colour

white

Odour

odourless

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<i>Odour threshold</i>	<i>Product specific</i>
<i>pH</i>	<i>3,6 - 4,5</i>
<i>Melting point [°C] / Freezing point [°C]</i>	<i>appr. 1700 °C</i>
<i>Boiling point [°C]</i>	<i>appr. 2230 °C</i>
<i>Initial boiling point [°C] and boiling range [°C]</i>	<i>not applicable</i>
<i>Evaporation rate [kg/(s*m²)]</i>	<i>not applicable</i>
<i>Explosion limits [Vol-%]</i>	<i>not applicable</i>
<i>Vapour pressure [kPa]</i>	<i>not applicable</i>
<i>Vapour density</i>	<i>not applicable</i>
<i>Density [g/cm³]</i>	<i>appr. 2,2 g/cm³</i>
<i>Temperature :</i>	<i>20 °C</i>
<i>Water solubility [g/l]</i>	
<i>Remarks :</i>	<i>insoluble</i>
<i>Partition coefficient n-octanol /water (log P O/W)</i>	<i>not determined</i>
<i>Autoignition temperature [°C]</i>	<i>not determined</i>
<i>Viscosity, dynamic [kg/(m*s)]</i>	<i>not applicable</i>
<i>Oxidising properties</i>	<i>not determined</i>

SECTION 10: Stability and reactivity

10.4 Conditions to avoid

Conditions to avoid *None under normal processing.*

SECTION 11: Toxicological information

11.1 Information on toxicological effects

11.2 Additional information

Experience in practice *May cause sensitization by inhalation.*

Other information (chapter 11.) *No toxicology information is available.*

SECTION 12: Ecological information

12.1 Toxicity

12.6 Other adverse effects

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

SECTION 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:*

Uncleaned empty packaging *--*

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SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.2 Description of the goods	Non dangerous good		
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

14.6 Special precautions for user

Precautions

No special measures are required.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not relevant

SECTION 15: Regulatory information

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

Additional regulations

Additionally, observe any national regulations!

SECTION 16: Other information

Department issuing safety data sheet

Environmental Department

Further information

Full text of R-phrases referred to under sections 2 and 3

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.