

Bauder Quartz - Safety Data Sheet

safety data sheet as per 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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COMPANY UNDERTAKING

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1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1 Product identifier

Bauder Quartz

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

Paint, ceramics, glass fibre, adhesives, plastics, rubber sealants, special concrete, silicon, resin flooring systems, etc

1.3 Details of the supplier of the safety data sheet

Company designation Bauder Ltd.
70 Landseer Road
Ipswich IP3 0DH
Telephone: +44 (0)1473 257671

E-mail (competent person) info@bauder.co.uk

1.4 Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only).

For medical advice, members of the public should contact NHS 111

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 Not classified as dangerous for supply/use.
(CLP)

2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)
Bauder Quartz

Hazard Pictogram(s)

Signal Word(s) None.

Hazard Statement(s) None.
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

Precautionary Statement(s) None.

2.3 Other hazards

None known.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Quartz (SiO2)	14808-60-7	238-878-4	>98%	Not classified.	None
Impurities :					
Respirable crystalline silica(quartz)			<1%	Not classified.	None

3.2 Mixtures

4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if you feel unwell.

Skin Contact Wash skin with water and soap.

Eye Contact Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion Wash out mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for firefighters

As appropriate for surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid airborne dust generation. Wear personal protective equipment in compliance with national legislation

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Sweep spilled substances into containers if appropriate moisten first to prevent dusting. Wear personal protective equipment in compliance with national legislation.

6.4 Reference to other sections

See Also Section 8, 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in Section 16.

Do not eat, drink or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials None known.

7.3 Specific end use(s)

None known.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Silica, respirable crystalline	14808-60-7		0.1			

Region	Source
Europe	EU Occupational Exposure Limits
United Kingdom	Workplace Exposure Limits (WEL)
Remark	Notes

8.2 Exposure controls

8.2.1. Appropriate engineering

controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment that complies with the requirements of European or national legislation.



Thermal hazards

None known.

8.2.3. Environmental Exposure

Controls Do not release large quantities into the surface water or into drains.

Avoid wind dispersal.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Appearance	Solid.
Colour	Grey.
Odour	Odourless
Odour threshold	Not known.
pH	pH (400g/l water at 20°C) 5 – 8.
Melting point/freezing point	1710°C
Initial boiling point and boiling range	Not applicable.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosivelimits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	2.65g/cm ³
Solubility(ies)	Solubility (Water) : None Solubility (Other) : Hydrofluoric acid
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.

Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

10 STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known

10.6 Hazardous decomposition products

No hazardous decomposition products known.

11 TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Acute toxicity - Ingestion	Low acute toxicity
Acute toxicity - Skin Contact	Low acute toxicity
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Non-irritant
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified
Lactation	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

tive potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

Not known.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

No special precautions are required for this product.

14 TRANSPORT INFORMATION

14.1 UN number

Not classified as hazardous for transport.

14.2 UN proper shipping name

14.3 transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

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

15 REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for

Authorisation

REACH: ANNEX XIV list of substances subject to

authorisation

Not listed

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

National regulations

Other Not known.

15.2 Chemical safety assessment

A REACH chemical safety assessment has not been carried out.

16 OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)

Hazard Statement(s) None.

Precautionary Statement(s) None.

Acronyms

CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long Term Exposure Limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short Term Exposure Limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

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Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.