



SAFETY DATA SHEET STRONGCOAT QUARTZ FILLER

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

1.1. Product identifier

Product name STRONGCOAT QUARTZ FILLER

Internal identification SCQTZF/8

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

Identified uses Component of epoxy coating system

Uses advised against None

1.3. Details of the supplier of the safety data sheet

Supplier

Don Construction Products Ltd.,
Hawthorn House
Helions Bumpstead Road
Haverhill
Suffolk
CB9 7AA
Tel: 01538 361799 Mon-Fri 08:30 - 17:00 (excl bank holidays)
Fax: 01538 361899
E-Mail: info.uk@dcp-int.com

1.4. Emergency telephone number

Emergency telephone 01538 361799 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments Blend of inert fillers containing additives The product may contain a low level of respirable crystalline silica. The product does not contain any hazardous ingredients in a concentration that requires declaration in this section.

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information	Remove affected person from source of contamination.
Inhalation	Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Irrigate the eyes with water or proprietary eye-wash for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	No specific symptoms known.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is non-combustible.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Dust may form explosive mixture with air.
Hazardous combustion products	Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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Special protective equipment for firefighters	Wear chemical protective suit.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid inhalation of dust. Avoid contact with skin and eyes.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Avoid generation and spreading of dust. Preferably remove spillage with a vacuum cleaner. If not possible dampen with water and collect spillage with a shovel, broom or the like. Collect spillage in containers, seal securely and dispose of as low hazard waste.
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6.4. Reference to other sections

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Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid handling which leads to dust formation. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions The product must be stored under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

SILICA SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

Ingredient comments General nuisance dust levels should be controlled to WEL (8hr TWA):-
10mg/m³ total inhalable dust
4mg/m³ respirable dust.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Personal protection

Always check applicability with your supplier of protective equipment.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station. Good personal hygiene practices should be followed when working with chemicals.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coarse powder
Colour	Various colours.
Odour	Odourless.
Odour threshold	Not determined.
pH	Not applicable.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Variable, depends on packing effects and temperature
Bulk density	Variable -depends on packing effects
Solubility(ies)	Partially miscible with water
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not determined.
Explosive under the influence of a flame	No
Oxidising properties	Not applicable.
Comments	Information given is applicable to the product in its ready-to-use form.

9.2. Other information

Other information	None.
Refractive index	Not determined.
Particle size	Not determined.
Molecular weight	Not determined.
Volatility	Not applicable.

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Saturation concentration	Not determined.
Critical temperature	Not determined.
Volatile organic compound	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
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10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Avoid freezing.
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10.5. Incompatible materials

Materials to avoid	N/A
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Acute toxicity - oral

Notes (oral LD₅₀)	No specific test data are available.
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Acute toxicity - dermal

Notes (dermal LD₅₀)	No specific test data are available.
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Acute toxicity - inhalation

Notes (inhalation LC₅₀)	No specific test data are available.
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Skin corrosion/irritation

Skin corrosion/irritation	Not irritating., Not corrosive to skin.
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Animal data	No specific test data are available.
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Human skin model test	No specific test data are available.
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Extreme pH	No specific test data are available.
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Serious eye damage/irritation

Serious eye damage/irritation	Slightly irritating.
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Respiratory sensitisation

Respiratory sensitisation	Not sensitising. There is no evidence that the product can cause respiratory hypersensitivity.
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Skin sensitisation

Skin sensitisation	Not sensitising.
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Germ cell mutagenicity

Genotoxicity - in vitro No specific test data are available.

Genotoxicity - in vivo No specific test data are available.

Carcinogenicity

Carcinogenicity No specific test data are available. Does not contain any substances known to be carcinogenic.

IARC carcinogenicity Not listed.

Reproductive toxicity

Reproductive toxicity - fertility No specific test data are available. Does not contain any substances known to be toxic to reproduction.

Reproductive toxicity - development Not considered to be toxic to the reproductive system.

Specific target organ toxicity - single exposure

STOT - single exposure No specific test data are available. Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No specific test data are available. Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not relevant.

General information No specific health hazards known.

Inhalation Dust in high concentrations may irritate the respiratory system.

Ingestion Ingestion of small amounts is unlikely to cause a significant reaction. Larger doses may result in irritation to the gastro intestinal tract.

Skin contact Prolonged or repeated exposure may cause some irritation of the skin.

Eye contact May cause temporary eye irritation.

Acute and chronic health hazards No specific health hazards known.

Medical symptoms No specific symptoms noted.

Medical considerations No information available.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Acute toxicity - fish Not determined

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

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Acute toxicity - microorganisms Not determined.

Acute toxicity - terrestrial Not determined.

Chronic toxicity - fish early life stage Not determined.

Short term toxicity - embryo and sac fry stages Not determined.

Chronic toxicity - aquatic invertebrates Not determined.

12.2. Persistence and degradability

Persistence and degradability No data available.

Phototransformation Not determined.

Stability (hydrolysis) Not determined.

Biodegradation Not available.

Biological oxygen demand No specific test data are available.

Chemical oxygen demand No specific test data are available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility The product is non-volatile.

Adsorption/desorption coefficient Not determined.

Henry's law constant Not determined.

Surface tension Not determined.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Small quantities may be disposed of as low hazard waste. Larger quantities should be disposed of as controlled waste by a licensed waste operator.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

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14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport labels

No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).

Guidance Workplace Exposure Limits EH40.
Safety Data Sheets for Substances and Preparations.

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information Don Construction Products Ltd. Technical Datasheet.

Key literature references and sources for data Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

Revision comments Section 1 update

Revision date 08/03/2017

Revision 8

Supersedes date 07/06/2016

SDS status Approved.

Risk phrases in full Not classified.

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