

# SAFETY DATA SHEET

## Silikonskum D-03, komponent B

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 28.03.2007

Revision date 23.10.2020

#### 1.1. Product identifier

Product name Silikonskum D-03, komponent B

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

Use of the substance/preparation Fire seal.

Relevant identified uses  
SU19 Building and construction work  
PC9 Coatings and Paints, Fillers, Putties, Thinners

#### 1.3. Details of the supplier of the safety data sheet

Company name FireSeal AB

Office address Esbogatan 14

Postal address P.O. Box 7091 Kista

Postcode Sollentuna

City Sweden

Country

Tel +4686236100

Fax +468926865

Website <http://www.fireseal.com>

Contact person [info@fireseal.se](mailto:info@fireseal.se)

#### 1.4. Emergency telephone number

Emergency telephone Dial for acute emergency:112

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Substance / mixture hazardous properties Not regarded as a health or environmental hazard under current legislation.

#### 2.2. Label elements

Composition on the label Quartz:10 - 20 %

Precautionary statements P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P234 Keep only in original container. P403 Store in a well-ventilated place.

#### 2.3. Other hazards

PBT / vPvB Not PBT or vPvB.

Description of hazard Small amount of hydrogen can be released. Hydrogen is flammable and may form explosive mixtures with air.

Other hazards No information required.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Quartz	CAS no.: 14808-60-7 EC no.: 238-878-4	STOT RE1; H372	10 - 20 %
Description of the mixture	The risk classification of Quartz is not relevant as the product is in a liquid state,		
Substance comments	The full text for all hazard statements is displayed in section 16.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Get medical attention if any discomfort continues.
Inhalation	Fresh air.
Skin contact	Wash the skin immediately with soap and water. Remove contaminated clothing.
Eye contact	Immediately rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Do NOT induce vomiting. Rinse mouth with water.

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

Acute symptoms and effects No information.

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

Other Information Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with water fog. Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ).
Improper extinguishing media	Powder. The extinguishing agent must not come into contact with the product.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	During fire, gases hazardous to health may be formed.
Hazardous combustion products	Toxic gases/vapours/fumes of: Silicon dioxide Formaldehyde. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Skum bildas spårbara mängder vätgas.

### 5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required.
Fire fighting procedures	Use pressurised air mask if product is involved in a fire. Containers close to fire should be removed immediately or cooled with water. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures Wear necessary protective equipment. Follow precautions for safe handling described in this safety data sheet.

### 6.2. Environmental precautions

Environmental precautionary measures	Avoid release to the environment. Prevent further spillage if it can be done without risk. Contact local authorities in case of spillage to drain/aquatic environment.
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### 6.3. Methods and material for containment and cleaning up

Cleaning method	Please note the risk of slipping. Collect with absorbent, non-combustible material into suitable containers.
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## 6.4. Reference to other sections

Other instructions See section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling Avoid contact with eyes. Avoid inhalation of vapours and spray mists. Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required. Observe good chemical hygiene practices. Avoid eating, drinking and smoking when using the product. First-aid equipment, including eye wash bottle, must be available at the work site.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage Store in tightly closed original container. Store at moderate temperatures in dry, well ventilated area.

Conditions To Avoid Avoid contact with oxidising agents.

### 7.3. Specific end use(s)

Specific 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 limit values

Substance	Identification	Value	TWA Year
Quartz	CAS no.: 14808-60-7 EC no.: 238-878-4	8-hour TWA: 0,1 mg/m <sup>3</sup> Respirable dust	1996

### 8.2. Exposure controls

Limitation of exposure on workplace Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of spray.

## Safety signs



### Respiratory protection

Respiratory protection Under normal conditions of use respiration protection should not be required.

### Hand protection

Hand protection Use protective gloves made of: Impermeable material. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### Eye / face protection

Eye protection Use approved safety goggles or face shield.

### Skin protection

Skin protection (except hands) Wear suitable protective clothing as protection against splashing or contamination.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state Liquid.

Colour White / off-white.

Odour No data recorded.

Comments, Odour limit	No data recorded.
Comments, pH (as supplied)	No data recorded.
Comments, Melting point / melting range	No data recorded.
Boiling point / boiling range	<b>Value:</b> 150 °C
Flash point	<b>Value:</b> 100 °C <b>Method of testing:</b> Closed cup
Comments, Evaporation rate	No data recorded.
Flammability (solid, gas)	No data recorded.
Comments, Explosion limit	No data recorded.
Comments, Vapour pressure	No data recorded.
Comments, Vapour density	No data recorded.
Specific gravity	<b>Value:</b> 1,08
Solubility description	No data recorded.
Comments, Partition coefficient: n-octanol / water	No data recorded.
Comments, Spontaneous combustability	No data recorded.
Comments, Decomposition temperature	No data recorded.
Viscosity	<b>Value:</b> 6250 cSt
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

## 9.2. Other information

### Other physical and chemical properties

Physical and chemical properties      No information required.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity      Hydrogen is released when in the product comes in contact with water, alcohols, acidic or basic materials, many metals and metal compounds. Hydrogen mixed with air can become explosive.

### 10.2. Chemical stability

Stability      Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions      Reacts violently with water.

### 10.4. Conditions to avoid

Conditions to avoid      Protect from moisture. Avoid heat.

### 10.5. Incompatible materials

Materials to avoid      Avoid contact with oxidising agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products      High temperatures generate: Formaldehyde. When water is added, the product reacts with a number of metals forming hydrogen gas, which may form explosive vapour/air mixtures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological Information:

LD50 oral      **Value:** > 5000 mg/kg  
**Animal test species:** Rat

**Comments:** CAS: 14808-60-7

### Potential acute effects

Inhalation	No specific health warnings noted.
Skin contact	No specific health warnings noted.
Eye contact	No recommendation given.
Ingestion	No specific health warnings noted.

### Delayed effects / repeated exposure

STOT-single exposure	No recommendation given.
STOT-repeated exposure	14808-60-7: Species: Human LOAEL: 0,053 mg/m <sup>3</sup> Route of exposure: Inhalation. When bound quartz is insoluble and therefore does not pose a risk of dust inhalation.

### Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	When heated above 180 degrees C, formaldehyde is formed. Suspected of causing cancer.
Assessment carcinogenicity classification	No recommendation given.
Carcinogenicity	<b>Toxicity type:</b> Carcinogenicity <b>Route of exposure:</b> Inhalation. <b>Species:</b> Human <b>Result evaluation:</b> Positive <b>Comments:</b> CAS: 14808-60-7, when bound quartz is insoluble and therefore does not pose a risk of dust inhalation.
Germ Cell Mutagenicity, human experience	No recommendation given.
Reproductive toxicity	No recommendation given.

### Symptoms of Exposure

Other Information	Health risks arise from the inhalation of dust particles of quartz (silica, crystalline dust) or other fibrogenic products. Quartz in this product (uncured or cured) are not supplied in a form that can be absorbed through inhalation.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	Not classified as dangerous to the environment.
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### 12.2. Persistence and degradability

Persistence and degradability	No data available.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	No information required.
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### 12.4. Mobility in soil

Mobility	No information.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
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### 12.6. Other adverse effects

Environmental details, summation	No information required.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product classified as hazardous	No
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waste

EWC waste code

EWC: 080410 waste adhesives and sealants other than those mentioned in 08 04 09

**SECTION 14: Transport information****14.1. UN number**

Comments

The product is not classified as dangerous goods.

**14.2. UN proper shipping name**

Comments

Not relevant.

**14.3. Transport hazard class(es)**

Comments

Not relevant.

**14.4. Packing group**

Comments

Not relevant.

**14.5. Environmental hazards**

Comments

Not relevant.

**14.6. Special precautions for user**

Special safety precautions for user

Not relevant.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Additional information.**

Additional information.

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

**IMDG / ICAO / IATA Other information**

IMDG Other information

Ventilated containers must not be transported by plane.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Legislation and regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. EH40/2005 Workplace exposure limits The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

**15.2. Chemical safety assessment**

Chemical safety assessment performed

No

**SECTION 16: Other information**

Supplier's notes

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

List of relevant H-phrases (Section 2 and 3).

H372 Causes damage to organs through prolonged or repeated exposure

Important data sources used to

MSDS supplied by the manufacturer

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construct the safety data sheet	
Information which has been added, deleted or revised	Classification under CLP.
Version	2
Responsible for safety data sheet	FireSeal AB