



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**SX CONTRACTORS PVCU SILICONE BROWN**  
Date: 22.06.2023

Replaces: 08.03.2022  
Ref: 0443.2.BB/DL

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

### 1.1. Product identifier

**Product Name** SX CONTRACTORS PVCU SILICONE BROWN  
**Pure substance/mixture** Mixture

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

**Recommended use** Sealant  
**Uses advised against** Consumer use  
**Reason why uses advised against** Restricted substance per REACH Annex XVII

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

#### Company Name

Siroflex Limited  
Dodworth Business Park  
Dodworth, Barnsley  
Souty Yorkshire S75 3SP  
Tel: 01226 771600 Fax: 01226 771601  
www.siroflex.co.uk technical.siroflex@bostik.com

**E-mail address** technical.siroflex@bostik.com

### 1.4. Emergency telephone number

**United Kingdom** +44 (1226) 771600 (Office Hours Only)  
**Ireland** **NPIC - National Poison Information Centre**  
Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)  
Healthcare Professionals: +353 (01) 8092566 (24 hour service)  
**Europe** 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

|   |                      |
|---|----------------------|
| <b>Serious eye damage/eye irritation</b>                | Category 2 - (H319)  |
| <b>Skin sensitisation</b>                               | Category 1 - (H317)  |
| <b>Carcinogenicity</b>                                  | Category 1B - (H350) |
| <b>Specific target organ toxicity — single exposure</b> | Category 2           |
| <b>Chronic aquatic toxicity</b>                         | Category 3 - (H412)  |

### 2.2. Label elements

Contains 2-Butanone, oxime

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**Signal word**  
Danger

## Hazard statements

H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H350 - May cause cancer.  
H371 - May cause damage to organs.  
H412 - Harmful to aquatic life with long lasting effects.

## Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor  
P362 + P364 - Take off contaminated clothing and wash it before reuse  
P501 - Dispose of contents/ container to an approved waste disposal plant

## Special provisions concerning the labelling of certain mixtures

Restricted to professional users.

## 2.3. Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of 2-butanone, oxime (CAS 96-29-7) are formed by hydrolysis and released upon curing. Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing. Causes mild skin irritation.

## PBT & vPvB

This mixture contains substances considered to be persistent, bio-accumulating and toxic (PBT). This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name  | EC No     | CAS No      | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | REACH registration number |
|--|-----------|-------------|----------|---|------------------------------------|---------------------------|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics | 934-956-3 | RR-100252-4 | 10 - <20 | Asp. Tox. 1 (H304)  | -                                  | 01-2119827000-58-XXXX     |
| Silica, amorphous  | 231-545-4 | 7631-86-9   | 5 - <10  | [B]   | -                                  | 01-2119379499-16-XXXX     |
| 2-Butanone, oxime  | 202-496-6 | 96-29-7     | 1- <2.5  | Acute Tox. 3 (H301)<br>Acute Tox. 4                             | -                                  | 01-2119539477-28-XXXX     |

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|                                   |           |          |              |   |   |                       |
|-----------------------------------|-----------|----------|--------------|---|---|-----------------------|
|                                   |           |          |              | (H312)<br>Skin Irrit. 2<br>(H315)<br>Eye Dam. 1<br>(H318)<br>Skin Sens. 1<br>(H317)<br>Carc. 1B (H350)<br>STOT SE 3<br>(H336)<br>STOT SE 1<br>(H370)<br>STOT RE 2<br>(H373) |   |                       |
| Octamethylcyclotetrasiloxane [D4] | 209-136-7 | 556-67-2 | 0.01 - <0.05 | Repr. 2 (H361f)<br>Aquatic Chronic 1<br>(H410)<br>Flam. Liq. 3<br>(H226)<br>[G]   | - | 01-2119529238-36-XXXX |

## Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

Substances identified by a number starting "RR-" in the CAS-field are substances for which there is no CAS# used in EU and we use an internal numbering system to track within our SDS software

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.  |
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a doctor.  |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.  |
| <b>Skin contact</b>                       | Wash with soap and water. May cause an allergic skin reaction. Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a doctor. |
| <b>Ingestion</b>                          | Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.                      |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).   |

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

**Symptoms** None known.

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

**Note to doctors** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released, when the product is exposed to moisture or water. Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable extinguishing media** Full water jet.

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

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating gases and vapours.

**Hazardous combustion products** Carbon oxides. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Silicon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapours.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

## SECTION 6: Accidental release measures

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

**Personal precautions** Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Ensure adequate ventilation.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Do not scatter spilled material with high pressure water streams.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off all contaminated clothing and wash it before reuse.

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

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**Storage Conditions** Protect from moisture. Keep away from food, drink and animal feedingstuffs.

**Recommended storage temperature** Keep at temperatures between 10 and 35 °C.

## 7.3. Specific end use(s)

**Specific use(s)**  
Sealant.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product

| Chemical name  | European Union   | United Kingdom   |
|--|--|--|
| Limestone<br>1317-65-3   | -  | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup>  |
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics,<br>< 0.03% aromatics<br>RR-100252-4 | TWA/8h<br>5mg/m <sup>3</sup><br>STEL/15 mins 10mg/m <sup>3</sup> | -  |
| Silica, amorphous<br>7631-86-9   | TWA: 0.1 mg/m <sup>3</sup>                                       | TWA: 6 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup><br>TWA: 0.1 mg/m <sup>3</sup><br>STEL: 18 mg/m <sup>3</sup><br>STEL: 7.2 mg/m <sup>3</sup><br>STEL: 0.3 mg/m <sup>3</sup> |
| Methyl alcohol<br>67-56-1  | TWA: 200 ppm<br>TWA: 260 mg/m <sup>3</sup><br>*                  | TWA: 200 ppm<br>TWA: 266 mg/m <sup>3</sup><br>STEL: 250 ppm<br>STEL: 333 mg/m <sup>3</sup><br>Sk*  |

| Chemical name             | European Union | Ireland                                 | United Kingdom |
|---------------------------|----------------|---|----------------|
| Methyl alcohol<br>67-56-1 | -              | 15 mg/L (urine - Methanol end of shift) | -              |

**Derived No Effect Level (DNEL)** No information available

| Derived No Effect Level (DNEL)                    |                |                                |               |
|---|----------------|--------------------------------|---------------|
| 2-Butanone, oxime (96-29-7)                       |                |                                |               |
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| DNEL/DMEL<br>Long term<br>Systemic health effects | Inhalation     | 0.028 mg/m <sup>3</sup>        |               |
| Long term<br>Local health effects                 | Inhalation     | 0.9 mg/m <sup>3</sup>          |               |
| DNEL/DMEL<br>Long term<br>Systemic health effects | Dermal         | 0.004 mg/kg bw/d               |               |

## Octamethylcyclotetrasiloxane [D4] (556-67-2)

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| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|--|----------------|--------------------------------|---------------|
| worker<br>Long term<br>Systemic health effects | Inhalation     | 73 mg/m <sup>3</sup>           |               |

## Derived No Effect Level (DNEL) 2-Butanone, oxime (96-29-7)

| Type                                 | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|--------------------------------------|----------------|--------------------------------|---------------|
| Long term<br>Systemic health effects | Inhalation     | 0.00482 mg/m <sup>3</sup>      |               |
| Long term<br>Local health effects    | Dermal         | 0.43 mg/m <sup>3</sup>         |               |

## Octamethylcyclotetrasiloxane [D4] (556-67-2)

| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|--|----------------|--------------------------------|---------------|
| Consumer<br>Long term<br>Systemic health effects | Inhalation     | 13 mg/m <sup>3</sup>           |               |
| Consumer<br>Long term<br>Systemic health effects | Oral           | 3.7 mg/kg bw/d                 |               |

**Predicted No Effect Concentration (PNEC)** No information available.

## Predicted No Effect Concentration (PNEC) Octamethylcyclotetrasiloxane [D4] (556-67-2)

| Environmental compartment | Predicted No Effect Concentration (PNEC) |
|---------------------------|--|
| Freshwater                | 0.0015 mg/l                              |
| Marine water              | 0.00015 mg/l                             |
| Freshwater sediment       | 3 mg/kg                                  |
| Marine sediment           | 0.3 mg/kg                                |
| Soil                      | 0.54 mg/kg                               |
| Sewage treatment plant    | 10 mg/l                                  |

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

- Eye/face protection** Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.
- Hand protection** Wear suitable gloves. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374
- Skin and body protection** None under normal use conditions.
- Respiratory protection** In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation, especially in confined areas.
- Recommended filter type:** Organic gases and vapours filter conforming to EN 14387. White. Brown.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

|                 |                                    |
|-----------------|------------------------------------|
| Physical state  | Solid                              |
| Appearance      | Paste                              |
| Colour          | See section 1 for more information |
| Odour           | Characteristic.                    |
| Odour threshold | No information available           |

| <u>Property</u>                         | <u>Values</u>                                  | <u>Remarks • Method</u>             |
|---|--|-------------------------------------|
| Melting point / freezing point          | No data available                              | None known                          |
| Initial boiling point and boiling range | No data available                              | None known                          |
| Flammability                            | No data available                              | None known                          |
| Flammability Limit in Air               |  | None known                          |
| Upper flammability or explosive limits  | No data available                              |                                     |
| Lower flammability or explosive limits  | No data available                              |                                     |
| Flash point                             | No data available                              | None known                          |
| Autoignition temperature                | No data available                              | None known                          |
| Decomposition temperature               |  | None known                          |
| pH                                      | No data available                              | Not applicable. Insoluble in water. |
| pH (as aqueous solution)                | No data available                              | None known                          |
| Kinematic viscosity                     | > 21 mm <sup>2</sup> /s                        |                                     |
| Dynamic viscosity                       | No data available                              |                                     |
| Water solubility                        | No data available. Product cures with moisture |                                     |
| Solubility(ies)                         | No data available                              | None known                          |
| Partition coefficient                   | No data available                              | None known                          |
| Vapour pressure                         | No data available                              | None known                          |
| Relative density                        | No data available                              | None known                          |
| Bulk Density                            | No data available                              |                                     |
| Density                                 | 1.27   |                                     |
| Relative vapour density                 | No data available                              | None known                          |
| Particle characteristics                |  |                                     |
| Particle Size                           | No information available                       |                                     |
| Particle Size Distribution              | No information available                       |                                     |

## 9.2. Other information

|                   |                          |
|-------------------|--------------------------|
| Solid content (%) | No information available |
| VOC Content (%)   | No data available        |

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity Product cures with moisture.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

|                                  |       |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge  | None. |

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## 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

## 10.4. Conditions to avoid

**Conditions to avoid** Product cures with moisture. Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

## 10.5. Incompatible materials

**Incompatible materials** Strong oxidising agents.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing.

## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

##### **Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.   |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.  |
| <b>Skin contact</b> | May cause sensitisation by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause irritation. Prolonged contact may cause redness and irritation. Causes mild skin irritation. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.   |

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Itching. Rashes. Hives. May cause redness and tearing of the eyes. Prolonged contact may cause redness and irritation.

#### Acute toxicity

##### **Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

|                        |                 |
|------------------------|-----------------|
| <b>ATEmix (oral)</b>   | 8,333.30 mg/kg  |
| <b>ATEmix (dermal)</b> | 91,666.70 mg/kg |

##### **Component Information**

| Chemical name  | Oral LD50                           | Dermal LD50                               | Inhalation LC50                          |
|--|-------------------------------------|---|--|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, | LD50 > 5000 mg/kg (Rattus) OECD 401 | LD50 > 3160 mg/kg (Oryctolagus cuniculus) | LC50 Inhalation(4h) >5266 MG/M3 (Rattus) |

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|                                   |                                     |   |                                   |
|-----------------------------------|-------------------------------------|---|-----------------------------------|
| < 0.03% aromatics                 |                                     | OECD 402                                  |                                   |
| Silica, amorphous                 | =7900 mg/kg (Rattus)                | > 5000 mg/kg (Oryctolagus cuniculus)      | >2.2 mg/L (Rattus) 1 h            |
| 2-Butanone, oxime                 | =100 mg/kg (ATE)                    | 1000 - 1800 mg/kg (Oryctolagus cuniculus) | >4.83 mg/L (Rattus) 4 h           |
| Octamethylcyclotetrasiloxane [D4] | LD50 > 4800 mg/kg (Rattus) OECD 401 | LD50 > 2400 mg/kg (Rattus) OECD 402       | =36 g/m <sup>3</sup> (Rattus) 4 h |

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | May cause skin irritation. Classification based on data available for ingredients.                                  |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes serious eye irritation.                              |
| <b>Respiratory or skin sensitisation</b> | May cause sensitisation by skin contact.  |
| <b>Germ cell mutagenicity</b>            | Based on available data, the classification criteria are not met.   |
| <b>Carcinogenicity</b>                   | Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer. |

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component Information  
2-Butanone, oxime (96-29-7)

| Method   | Species | Results      |
|--|---------|--------------|
| OECD Test No. 453: Combined Chronic Toxicity/Carcinogenicity Studies | Rat     | Carcinogenic |

| Chemical name     | European Union |
|-------------------|----------------|
| 2-Butanone, oxime | Carc. 1B       |

**Reproductive toxicity** Based on available data, the classification criteria are not met.

| Chemical name                     | European Union |
|-----------------------------------|----------------|
| Octamethylcyclotetrasiloxane [D4] | Repr. 2        |

**STOT - single exposure** Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE).  
May cause damage to organs.

H371 - May cause damage to the following organs: upper respiratory tract.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

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## 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Chemical name  | Algae/aquatic plants                                     | Fish  | Toxicity to microorganisms                    | Crustacea                                 | M-Factor | M-Factor (long-term) |
|--|--|---|---|---|----------|----------------------|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics RR-100252-4 | EL50 (72h) >10,000 mg/L (Skeletonema costatum) ISO 10253 | LL50 (96h) > 1028 mg/L (Scophthalmus maximus) OECD 203  | -   | LL50 (48h)> 3193 mg/l (Acartia tonsa)     |          |                      |
| Silica, amorphous 7631-86-9  | EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)    | LC50: =5000mg/L (96h, Brachydanio rerio)  | -   | EC50: =7600mg/L (48h, Ceriodaphnia dubia) |          |                      |
| 2-Butanone, oxime 96-29-7  | EC50: =83mg/L (72h, Desmodesmus subspicatus)             | LC50: =760mg/L (96h, Poecilia reticulata) LC50: 777 - 914mg/L (96h, Pimephales promelas) LC50: 320 - 1000mg/L (96h, Leuciscus idus) | EC50 = 281 mg/L 17 h<br>EC50 = 950 mg/L 5 min | EC50: =750mg/L (48h, Daphnia magna)       |          |                      |
| Octamethylcyclotetrasiloxane [D4] 556-67-2   | -  | LC50: >1000mg/L (96h, Lepomis macrochirus) LC50: >500mg/L (96h, Brachydanio rerio)  | -   | EC50: =25.2mg/L (24h, Daphnia magna)      |          | 10                   |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Silica, amorphous (7631-86-9)

| Method | Exposure time | Value | Results   |
|--------|---------------|-------|---|
|        |               |       | The methods for determining biodegradability are not applicable to inorganic substances |

Octamethylcyclotetrasiloxane [D4] (556-67-2)

### 12.3. Bioaccumulative potential

#### Bioaccumulation

#### Component Information

| Chemical name                     | Partition coefficient |
|-----------------------------------|-----------------------|
| 2-Butanone, oxime                 | 0.65                  |
| Octamethylcyclotetrasiloxane [D4] | 6.49                  |

### 12.4. Mobility in soil

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**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

### PBT and vPvB assessment

| Chemical name  | PBT and vPvB assessment                                       |
|--|---|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics | The substance is not PBT / vPvB                               |
| Silica, amorphous  | The substance is not PBT / vPvB PBT assessment does not apply |
| 2-Butanone, oxime  | The substance is not PBT / vPvB                               |
| Octamethylcyclotetrasiloxane [D4]  | PBT & vPvB  |

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

| Component Information   |           |         |
|---|-----------|---------|
| Octamethylcyclotetrasiloxane [D4] (556-67-2)  |           |         |
| Method  | Results   | Species |
| Endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4). | Negative. |         |

## 12.7. Other adverse effects

No information available.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

|  |  |
|--|--|
| <b>Waste from residues/unused products</b> | Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable. |
| <b>Contaminated packaging</b>              | Handle contaminated packages in the same way as the product itself.  |
| <b>European Waste Catalogue</b>            | 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances                         |
| <b>Other information</b>                   | Waste codes should be assigned by the user based on the application for which the product was used.                      |

## **SECTION 14: Transport information**

### Land transport (ADR/RID)

|                                 |                |
|---------------------------------|----------------|
| 14.1 UN number or ID number     | Not regulated  |
| 14.2 Proper Shipping Name       | Not regulated  |
| 14.3 Transport hazard class(es) | Not regulated  |
| 14.4 Packing group              | Not regulated  |
| 14.5 Environmental hazards      | Not applicable |
| 14.6 Special Provisions         | None           |

### IMDG

|                             |               |
|-----------------------------|---------------|
| 14.1 UN number or ID number | Not regulated |
| 14.2 Proper Shipping Name   | Not regulated |

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|  |                |
|--|----------------|
| 14.3 Transport hazard class(es)                              | Not regulated  |
| 14.4 Packing group   | Not regulated  |
| 14.5 Marine pollutant  | NP             |
| 14.6 Special Provisions                                      | None           |
| 14.7 Maritime transport in bulk according to IMO instruments | Not applicable |

#### Air transport (ICAO-TI / IATA-DGR)

|                                 |                |
|---------------------------------|----------------|
| 14.1 UN number or ID number     | Not regulated  |
| 14.2 Proper Shipping Name       | Not regulated  |
| 14.3 Transport hazard class(es) | Not regulated  |
| 14.4 Packing group              | Not regulated  |
| 14.5 Environmental hazards      | Not applicable |
| 14.6 Special Provisions         | None           |

## **Section 15: REGULATORY INFORMATION**

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

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

##### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Reserved for industrial and professional use.

##### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

##### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

##### **Persistent Organic Pollutants**

Not applicable

#### National regulations

### 15.2. Chemical safety assessment

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Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H226 - Flammable liquid and vapour  
H301 - Toxic if swallowed  
H304 - May be fatal if swallowed and enters airways  
H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H336 - May cause drowsiness or dizziness  
H350 - May cause cancer  
H361f - Suspected of damaging fertility  
H370 - Causes damage to organs  
H373 - May cause damage to organs through prolonged or repeated exposure  
H410 - Very toxic to aquatic life with long lasting effects

#### **Legend**

|         |   |
|---------|---|
| TWA     | TWA (time-weighted average)   |
| STEL    | STEL (Short Term Exposure Limit)  |
| Ceiling | Ceiling Limit Value   |
| *       | Skin designation  |
| SVHC    | Substance(s) of Very High Concern   |
| PBT     | Persistent, Bioaccumulative, and Toxic (PBT) Chemicals                              |
| vPvB    | Very Persistent and very Bioaccumulative (vPvB) Chemicals                           |
| STOT RE | Specific target organ toxicity - Repeated exposure                                  |
| STOT SE | Specific target organ toxicity - Single exposure                                    |
| EWC     | European Waste Catalogue  |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG    | International Maritime Dangerous Goods (IMDG)                                       |
| IATA    | International Air Transport Association (IATA)                                      |
| RID     | Regulations concerning the International Transport of Dangerous Goods by Rail       |

#### **Key literature references and sources for data**

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 26-Jul-2022

#### **Indication of changes**

**Revision note** Not applicable.

**Training Advice** No information available

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**