



## COSHH SAFETY DATA SHEET

### CM SFS LOW MODULUS SILICONE SEALANT

JANUARY 2016

#### 1. Product and company identification

Product name: CM SFS LOW MODULUS SILICONE SEALANT  
Quality: All Shades (\*)  
Use: Used for making joints, sealing and gluing.  
(for further information, refer to the product technical data sheet).

Supplier: CM SEALANTS  
Kendon House  
Selby Road  
Leytonstone  
London  
E11 3LT

Telephone number: 020 8519 6358  
Fax: 020 8555 0394

#### 2. Hazards identification

##### MOST IMPORTANT HAZARDS

Adverse human health effects: Slightly irritating to eyes, respiratory system and skin.  
Environmental effects: Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

Physical and chemical hazards:  
Fire or explosion: Combustible.  
Classification/Specific hazards: According to EEC criteria, this product is not classified as a "hazardous preparation".  
Further information: After drying, may stick to the skin.

#### 3. Composition/information on ingredients

##### PREPARATION

Chemical nature: Polydimethylsiloxanes, amorphous silica, inert fillers & crosslinker.

Components contributing to the hazard: None

Components presenting hazards: Vinylsilane trimethoxy (CAS: 2768-02-7): <5% - EEC Classification: Xn ; R20. EC No. : 220-449-8 (\*)

Further information: During use, on contact with humidity in the air releases: Methanol (CAS: 67-56-1): 3% (max) – EEC Classification: T;R23/24/25-39/23/24/25. EC No. :200-659-6 (\*)  
1-Butanol (CAS : 71-36-3) : < 2% - EEC Classification: Xn;R22-37/38-41-67 EC No. :200-751-6 (\*)



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#### **4. First-aid measures**

|              |  |
|--------------|--|
| Inhalation   | Quickly move the person away from the contaminated area.<br>If the person feels unwell:<br>Call a doctor immediately.                        |
| Skin contact | Wipe off as much as possible (using a clean, soft, absorbent material).<br>Wash immediately with plenty of soap and water.                   |
| Eye contact  | Immediately rinse with water for a prolonged period whilst keeping the eyes wide open.<br>If irritation persists, consult an eye specialist. |
| Ingestion    | Consult a doctor if necessary.   |

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#### **5. Fire-fighting measures**

|                                |  |
|--------------------------------|--|
| Extinguishing media            |  |
| Suitable                       | Carbon dioxide (CO <sub>2</sub> ).<br>Foam.<br>Powders.<br>Water spray.                |
| Not suitable                   | None to our knowledge. If there is a fire close by, use suitable extinguishing agents. |
| Specific hazards               | For further information, refer to section 10: "Stability and Reactivity"               |
| Specific fire fighting methods | Cool down the containers/equipment exposed to heat with a water spray.                 |
| Protection of fire-fighters    | Self-contained breathing apparatus.  |

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#### **6. Accidental release measures**

|                           |   |
|---------------------------|---|
| Personal precautions      | Avoid contact with skin and eyes.<br>Do not breathe vapours.<br>Protective equipment:<br>For further information refer to section 8 "Exposure-controls/personal protection".<br>Mechanically ventilate the spillage area. |
| Environmental precautions | This product does not present any particular risk for the environment.  |
| Methods for cleaning up   |   |
| Recovery                  | Recover the product by scraping with a spatula or a similar instrument.<br>Collect up the product and place it in a spare container:<br>suitably labelled<br>tightly closed   |
| Neutralization            | Absorb residues with:<br>inert absorbent material.  |
| Cleaning/Decontamination  | Decontaminate and wash the floor with:<br>an appropriate solvent. (cf.: § 9)<br>Then wash with plenty of water.   |

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|          |   |
|----------|---|
| Disposal | For disposal of residues refer to section 13 "Disposal considerations".<br>Incinerate contaminated materials at an authorized installation. |
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#### **7. Handling and storage**

##### **HANDLING**

Technical measures

Ventilation.

Measures

Do not exceed the occupational exposure limits (OEL).

##### **STORAGE**

Technical measures

Does not require any specific or particular technical measures.

Storage conditions

Recommended

Keep:

only in the original container  
the container tightly closed and dry.

Incompatible products

Refer to the detailed list of incompatible materials (section 10 "Stability /Reactivity").

Packaging

Polyethylene liner in a metal drum varnished with epikote.  
Polyethylene cartridges (outer packaging – cardboard box).

Packaging materials

Recommended

Polyethylene.  
Coated metals.

Further information

The product polymerises on contact with air.

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#### **8. Exposure controls/personal protection**

Engineering measures

Ensure good ventilation of the workstation.

Control parameters

Occupational exposure limits

Limits (France)

Methanol : VLE : 260 mg/m<sup>3</sup> (200 ppm).

Methanol : VME: 1300 mg/m<sup>3</sup> (1000 ppm).

1-Butanol : VLE : 150 mg/m<sup>3</sup> (50 ppm).

Limits (USA/A.C.G.I.H.)

Methanol : TLV (TWA) = 262mg/m<sup>3</sup> (200 ppm)

Methanol : TLV (STEL) = 328 mg/m<sup>3</sup> (250 ppm)

1-Butanol : TLV (TWA) = 152 mg/m<sup>3</sup> (50 ppm)

(maximum value).



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|                                |  |
|--------------------------------|--|
| Limits (UK)                    | Methanol:<br>OES: 200 ppm (266 mg/m <sup>3</sup> ). (Long-term exposure limit – 8h TWA reference period).<br>OES: 250 ppm (333 mg/m <sup>3</sup> ). (Short-term exposure limit – 15 minute reference period).<br>Sk notation – can be absorbed through the skin<br>1-Betanol:<br>OES: 50 ppm (154 mg/m <sup>3</sup> ). (Short-term exposure limit – 15 minute reference period).<br>Personal monitoring. |
| Surveillance procedures        |  |
| Personal protective equipment  |  |
| Respiratory protection         | In the event of insufficient ventilation:<br>Respiratory protective device with a gas filter.  |
| Hand protection                | Protective gloves made of rubber.  |
| Eye protection                 | Safety spectacles.   |
| Collective emergency equipment | Safety shower<br>Eye fountain.   |

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#### **9. Physical and chemical properties**

##### **APPEARANCE**

|                              |  |
|------------------------------|--|
| Physical state               | Thixotropic paste.   |
| Colour                       | Depends on the pigment. (*)  |
| Odour                        | Weak   |
| pH                           | Not applicable.  |
| Specific temperatures        |  |
| Flammability characteristics |  |
| Flash point                  | 117 C (Closed cup, according to method AFNOR T 60103).   |
| Auto-ignition temperature    | Not applicable.  |
| Oxidizing properties         | Non-oxidizing material according to EEC criteria.  |
| Specific gravity             | Approx. 1400 kg/m <sup>3</sup> at 25 C (*)   |
| Solubility                   |  |
| in water                     | Practically insoluble.   |
| in organic solvents          | Very slightly soluble in:<br>alcohol (ethanol)<br>Dispersible (partial solubilisation) in:<br>acetone<br>Aliphatic hydrocarbons<br>aromatic hydrocarbons (toluene, xylene).<br>chlorinated solvents. |

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#### **10. Stability and reactivity.**

|                                  |   |
|----------------------------------|---|
| Stability                        | Stable at room temperature provided it is not on contact with air.<br>Vulcanises at room temperature on contact with moisture in the air.   |
| Hazardous reactions              |   |
| Conditions to avoid              | No dangerous reactions known under normal conditions of use.<br>See technical data sheet.   |
| Hazardous decomposition products | On contact with humidity, releases:<br>Methanol<br>(Quantity potentially released:<3% of the weight of the product).<br>1-Butanol<br>(Quantity potentially released:<2% of the weight of the product).<br>On combustion forms:<br>(Carbon oxides (CO + CO <sub>2</sub> )).<br>amorphous silica<br>(Calcium oxide) |

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#### **11. Toxicological information**

|                     |   |
|---------------------|---|
| Acute toxicity      | Not classified as harmful if swallowed (by calculation according to the conventional method)  |
| Local effects       | Repeated or prolonged contact may cause slight irritation to the skin.<br>May cause slight temporary irritation to ocular mucous membranes. |
| Sensitisation:      | No information available.   |
| Specific effects    |   |
| Mutagenicity        | No information available.   |
| Further information | At high concentrations, the vapours can be irritating to the respiratory system.  |

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#### **12. Ecological information**

##### **MOBILITY**

|                                   |   |
|-----------------------------------|---|
| Precipitation                     | Slightly soluble product, readily forms deposits.       |
| Expected behaviour of the product | Ultimate destination of the product: SOIL and SEDIMENT. |

##### **BIODEGRADABILITY**

|                                   |                    |
|-----------------------------------|--------------------|
| Ultimate aerobic biodegradability | Not biodegradable. |
|-----------------------------------|--------------------|

##### **BIOACCUMULATION**

|                         |                     |
|-------------------------|---------------------|
| Bioconcentration factor | Not bioaccumulable. |
|-------------------------|---------------------|

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#### **13. Disposal considerations**

##### **WASTE FROM RESIDUES**

Destruction/Disposal      Dispose of at a licensed waste collection point.

##### **CONTAMINATED PACKAGING**

Decontamination/cleaning      Separate the different packaging components and treat them separately:

Destruction/Disposal      Incinerate plastic packaging at a licensed installation.

Entrust the uncontaminated packaging to a licensed waste contractor.

Following decontamination, re-use or recycle metal packaging.

Disposable containers:

Incinerate at a licensed installation.

NOTE:      The users attention is drawn to the possible existence of local regulations regarding disposal.

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#### **14. Transport information**

##### **INTERNATIONAL REGULATIONS**

###### **Land**

Rail/road (RID/ADR)      NOT restricted.

Sea (IMO/IMDG)      NOT restricted.

Air (ICAO-IATA)      NOT restricted.

##### **OTHER REGULATIONS**

United Kingdom: Rail/road      NOT restricted.

NOTE:      The above regulatory prescriptions are those valid on the date of publication of this sheet.  
Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

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#### **15. Regulatory information**

##### **LABELLING**

EEC regulations      Mandatory labelling (self-classification) of hazardous preparations:  
Not applicable.

Additional phrases      Safety Data Sheet available on request for professional users. (\*)

Further regulations

United Kingdom      Handle in accordance with relevant British legislation:  
Control of Substances Hazardous to Health Regulations  
Environmental Hygiene Guidance: EH/40 Occupational Exposure Limits (revised annually).



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NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The users attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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#### 16. Other information

|                      |   |
|----------------------|---|
| Registration numbers | These polymers are not concerned by the EINECS inventory.<br>The corresponding monomers are registered in the EINECS inventory.<br>All the other constituents of this preparation are registered in the EINECS inventory.<br>All the components of this preparation are registered in the TSCA inventory.   |
| R Phrases of § 2 & 3 | R 20: Harmful by inhalation.<br>R 22: Harmful if swallowed.<br>R 23/24/25: Toxic by inhalation, in contact with skin and if swallowed.<br>R 37/38: Irritating to respiratory system and skin.<br>R 39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.<br>R 41: Risk of serious damage to eyes.<br>R 67: Vapours may cause drowsiness and dizziness. |

|          |   |
|----------|---|
| * Update | Subheadings and text which have been modified since the previous version are indicated with an asterisk (*) |
|----------|---|

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This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is base on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. it is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligation, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

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