



Safety Data Sheet

CM Stonesil

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Compilation Date: 20.01.2025

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

1.1 Product identifier

Product Name: CM Stonesil

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

Barrier (Sealant)

1.3 Details of the supplier of the safety data sheet

Company name: CM Sealants Ltd
Kendon House
44a Selby Road
Leytonstone
London
E11 3LT

Tel: 020 8519 6358
Fax: 020 8555 0394
Email: info@cmsealants.co.uk

Section 2: Hazard identification

2.1 Classification of the substance or mixture

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008

2.2 Label elements

Regulation (EC) No. 1272/2008

Precautionary statements: P102 – Keep out of reach of children

Special labelling of certain mixtures: EUH208 – Contains OIT, may produce an allergic reaction. EUH210 – Safety data sheet available on request

Additional advice on labelling: OIT(2-Octyl-2H-isothiazole-3-on) is encapsulated in the mixture and therefore only available in a small amount freely. In a mixture with similar composition there was no hint of a sensitizing effect in the Buehler test (OECD No. 406). A classification of this silicone with GHS 07 / Warning / H317 is not intended

[Cont...]

2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use. The product contains titanium dioxide < 1%. Only very few colours may contain up to 2.5%. Titanium dioxide used is free of labelling, since it contains < 1% particles with aerodynamic diameter < 10µm. Due to highly viscous consistency of the product, formation of an aerosol or dust during processing is not possible. In addition, all particles of titanium dioxide are well bound within the polymer matrix. Labelling with EUH 211/212 therefore is not applied

Section 3: Composition/information on ingredients

3.1 Mixtures

Hazardous components:

CAS no.	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
37859-55-5	2-Pentanone O,O',O'' – (methylsilylidyn) trioxime			1-4%
	484-460-1		01-2120004323-76	
	Acute Tox. 4, Eye irrit. 2; H302 H319			
58190-62-8	2-Pentanone, O,O',O'' – (ethenylsilylidyne) trioxime			1-2%
	700-810-0		01-2120006148-66	
	Acute tox. 4, eye irrit. 2; H302 H319			
26530-20-1	Octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]			<0.02%
	247-761-7	613-112-00-5		
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071			

Full text of H & EUH statements: see section 16

Specific Conc. Limits, M-factors & ATE

CAS No.	EC No.	Chemical name	Quantity
	Specific Conc. Limits, M-factors & ATE		
37859-55-5	484-460-1	2-Pentanone O,O',O'' – (methylsilylidyn) trioxime	1-4%
	Oral: ATE = 500 mg/kg		
58190-62-8	700-810-0	2-Pentanone O,O',O'' – (ethenylsilylidyne) trioxime	1-2%
	Oral: LD50 = 1000 – 2000mg/kg		
26530-20-1	247-761-7	Octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]	<0.02%
	Inhalation: ATE 0.27 mg/kg (dusts or mists); dermal: ATE 311 mg/kg; oral: ATE 125 mg/kg Skin Sens. 1A; H317: >= 0.0015 – 100 M acute; H400: M=100 M chron.; H410: M=100		

Further Information

OIT is encapsulated in the mixture and therefore only available in a small amount freely (see section 2.2)

[Cont...]

Section 4: First aid measures

4.1 Description of first aid measures

General information: After curing, product is odourless & indifferent

After inhalation: If inhaled, remove casualty to fresh air and keep at rest in a position comfortable for breathing

After contact with skin: Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician

After contact with eyes: Rinse immediately, carefully, and thoroughly with eyebath or water. In case of eye irritation, consult an ophthalmologist

After ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell

4.2 Most important symptoms and effects, both acute and delayed

When in doubt or if symptoms are observed, get medical advice

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

Section 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂). Extinguishing powder. Water spray jet. Foam. Co-ordinate fire-fighting measures to the fire surroundings

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

5.3 Advice for fire-fighters

Use suitable breathing apparatus. Protective clothing

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

General measures: personal protection equipment – see section 8

For non-emergency personnel: No special measures are necessary

For emergency responders: No special measures are necessary

6.2 Environmental precautions

Do not allow to enter surface water or drains

6.3 Methods and material for containment and cleaning up

For containment: Take up mechanically. After complete curing, the product can be disposed of with domestic or commercial waste

For cleaning up: Clean with a cloth immediately. After curing, the product can be removed in most cases only mechanically

[Cont...]

Other information: Treat the recovered material as prescribed in the section on waste disposal

6.4 Reference to other sections

Personal protection equipment: See section 8

Disposal: See section 13

Safe handling: See section 7

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Ensure sufficient ventilation

Advice on general occupational hygiene: When using do not eat, drink, smoke, or sniff

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Keep/store only in original container. Ensure adequate ventilation of the storage area. Avoid high temperatures or direct sunlight

7.3 Specific end use(s)

No data available

Section 8: Exposure controls/personal protection

8.1 Control parameters

Additional advice on limit values: To date, no national critical limit values exist

8.2 Exposure controls

Individual protection measures, such as personal protective equipment:

Eye/face protection: Eyeglasses with side protection

Hand protection: Recommended glove material – Butyl or nitrile glove

Recommended glove thickness - >0.4 mm

Permeation time (maximum wear time) - > 1 hour

Skin protection: Protective clothing

Respiratory protection: Usually no personal respiratory protection necessary

Thermal hazards: Not applicable

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Paste
Colour:	Various
Odour:	Characteristic
Odour threshold:	Not determined

[Cont...]

Changes in the physical state

Melting point:	Not applicable
Freezing point:	Not applicable
Boiling point or initial boiling point and boiling range:	Not applicable
Sublimation point:	Not applicable
Softening point:	Not applicable
Flash point:	> 150°C DIN ISO 2592
Lower explosion limits:	Not applicable
Upper explosion limits:	Not applicable
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
pH value:	Not applicable
Viscosity / dynamic:	Not determined
Viscosity / kinematic (at 40°C):	> 1000mm ² /s ISO 3219
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water
Partition coefficient n-octanol/water:	Not determined
Vapour pressure:	Not determined
Density:	ca. 1.4g/cm ³

9.2 Other information

Information with regards to physical hazard classes:	
Sustaining combustion:	No data available
Other safety characteristics:	
Solvent content:	VOC: < 30g/l (2004/42 EG) VOC (CH): < 30g/kg
Further information:	Not applicable

Section 10: Stability and reactivity

10.1 Reactivity

This product is stable under storage at normal ambient temperatures

10.2 Chemical stability

Stable under recommended storage and handling conditions

10.3 Possibility of hazardous reactions

May form hazardous decomposition products when exposed to high temperatures

10.4 Conditions to avoid

Avoid high temperatures or direct sunlight. Protect from moisture

10.5 Incompatible materials

Acid. Oxidising agent, strong. Reducing agent, strong. Water

[Cont...]

10.6 Hazardous decomposition products

Hazardous combustion products

Section 11: Toxicological information

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

Acute toxicity: Based on data available, the classification criteria are not met

CAS No.	Chemical name				
	Exposure route	Dose	Species	Source	Method
37859-55-5	2-Pentanone O,O',O'' – (methylsilylidyn) trioxime				
	Oral	ATE 500mg/kg			
58190-62-8	2-Pentanone O,O',O'' – (ethenylsilyldyne) trioxime				
	Oral	LD50 1000-2000mg/kg	Rat		
26530-20-1	Ocithilnone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]				
	Oral	ATE 125mg/kg			
	Dermal	ATE 311mg/kg			
	Inhalation dust/mist	ATE 0.27mg/kg			

Irritation and corrosivity: Based on the data available, the classification criteria are not met

Sensitising effects: Contains OIT. May produce an allergic reaction

Carcinogenic/mutagenic/toxic effects for reproduction: Based on the data available, the classification criteria are not met

STOT-single exposure: Based on the data available, the classification criteria are not met

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

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

11.2 Information on other hazards

Endocrine disrupting properties: This substance does not have endocrine disrupting properties with respect to humans

Section 12: Ecological information

12.1 Toxicity

CAS No.	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
37859-55-5	2-Pentanone O,O',O'' – (methylsilylidyn) trioxime					
	Acute fish toxicity	LC50 >113mg/l	96h	Oncorhynchus mykiss	OECD 203	Read-across
	Acute algae toxicity	ErC50 100mg/l	72h	Pseudokirchneriella subcapitata	OECD 201	Read – across
	Acute crustacea toxicity	EC50 >113mg/l	48h	Daphnia magna	OECD 202	Read - across
58190-62-8	2-Pentanone, O,O',O'' – (ethenylsilyldyne) trioxime					
	Acute algae toxicity	ErC50 88mg/l	72h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 100mg/l	48h	Daphnia magna		

	Fish toxicity	NOEC >100mg/l	4d	Oncorhynchus mykiss		
	Algae toxicity	NOEC 32mg/l	3d	Pseudokirchneriella subcapitata		

12.2 Persistence and degradability

Poorly biodegradable

12.3 Bioaccumulative potential

No indication of bioaccumulation potential

Partition coefficient n-octanol/water

CAS No.	Chemical name	Log Pow
37859-55-5	2-Pentanone O,O',O'' – (methylsilylidyn) trioxime	1.25

12.4 Mobility in soil

Practically insoluble

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria

12.7 Other adverse effects

No indication of other harmful effects

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal recommendations: After curing, product can be disposed of with domestic or commercial waste. Non-cured material must be handled as special waste

List of wastes code – residues/unused products

080410: Wastes from the manufacture, formulation, supply, and use (MFSU) of coatings (paints, varnishes, and vitreous enamels), adhesives, sealants, and printing inks; wastes from MSFU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 080409

List of wastes code – used product

080410: Wastes from the manufacture, formulation, supply, and use (MFSU) of coatings (paints, varnishes, and vitreous enamels), adhesives, sealants, and printing inks; wastes from MSFU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 080409

List of wastes code – contaminated packaging

080410: Wastes from the manufacture, formulation, supply, and use (MFSU) of coatings (paints, varnishes, and vitreous enamels), adhesives, sealants, and printing inks; wastes from MSFU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 080409

[Cont...]

Contaminated packaging: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

Section 14: Transport information

14.1 Transport information

Land transport (ADR/RID)

- 14.1. UN number or ID number: No dangerous good in sense of this transport regulation
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation
- 14.4. Packing group: No dangerous good in sense of this transport regulation

Inland waterways transport (ADN)

- 14.1. UN number or ID number: No dangerous good in sense of this transport regulation
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation
- 14.4. Packing group: No dangerous good in sense of this transport regulation

Marine transport (IMDG)

- 14.1. UN number or ID number: No dangerous good in sense of this transport regulation
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation
- 14.4. Packing group: No dangerous good in sense of this transport regulation

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number or ID number: No dangerous good in sense of this transport regulation
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation
- 14.4. Packing group: No dangerous good in sense of this transport regulation

14.2 Environmental hazards:

Environmentally hazardous: No

14.3 Special precautions for user

No dangerous good in sense of this transport regulation

14.4 maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation

Section 15: Regulatory information

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

EU regulatory information – Restrictions on use (REACH, annex XVII): Entry 75

Additional information – Biocidal products regulation (EU 528/2012): "Contains a biocide: OIT. May produce an allergic reaction"

National regulatory information – Water hazard class (D): 1 – slightly hazardous to water

[Cont...]

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out

16 Other information

16.1 Relevant H and EUH statements (number and full text)

H301: Toxic if swallowed
H302: Harmful if swallowed
H311: Toxic if contact with skin
H314: Causes severe skin burns and eye damage
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H319: Causes serious eye irritation
H330: Fatal if inhaled
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects
EUH071: Corrosive to the respiratory tract
EUH208: Contains OIT. May produce an allergic reaction
EUH210: Safety data sheet available upon request

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product