

EU safety data sheet

Trade name: SCRINTEC®600

Product no.: SCR-600

Current version : 3.0.1, issued: 19.08.2021

Replaced version: 3.0.0, issued: 29.11.2018

Region: GB

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

1.1 Product identifier

Trade name

SCRINTEC®600

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

Relevant identified uses of the substance or mixture

Silicone based stick and sealing material

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

SCRINT GmbH

Hirtenweg 4

61381 Friedrichsdorf

Telephone no. +49 (0) 61 72 / 77 81 85

Fax no. +49 (0) 61 72 / 59 93 60

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

Lieferant / Supplier:
Carl Roth GmbH + Co KG
Schoemperlenstr. 3-5
76185 Karlsruhe, Germany
+49 721 5606 0
sicherheit@carlroth.de

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Skin Sens. 1; H317

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label:

butan-2-one O,O',O''-(methylsilylidyne)trioxime

Hazard statement(s)

H317 May cause an allergic skin reaction.

Hazard statements (EU)

EUH208 Contains butan-2-one O,O',O''-(vinylsilylidyne)trioxime, butan-2-one O,O',O''-(methylsilylidyne)trioxime, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an



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allergic reaction.

Precautionary statement(s)

P280

Wear protective gloves.

2.3 Other hazards

The product contains traces of 2-butanon oxime. In contact with moisture cross linking silicone oxime release 2-butanon oxime:

Long-term exposure to 2-butanon oxime may damage the mucous membrane of the nose. Long-term high dose inhalation of 2-butanon oxime may cause irreversible damage to health.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

silicone elastomer

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	butan-2-one O,O',O''-(methylsilyldiyl)trioxime		
	22984-54-9 245-366-4 - 01-2119987100-43	Skin Sens. 1; H317 Eye Irrit. 2; H319 STOT RE 2; H373o	< 2.50 wt%
2	butan-2-one O,O',O''-(vinylsilyldiyl)trioxime		
	2224-33-1 218-747-8 - -	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	< 2.50 wt%
3	octamethylcyclotetrasiloxane		
	556-67-2 209-136-7 014-018-00-1 01-2119529238-36	Aquatic Chronic 4; H413 Repr. 2; H361f Flam. Liq. 3; H226	>= 0.10 - < 1.00 wt%
4	decamethylcyclopentasiloxane		
	541-02-6 208-764-9 - 01-2119511367-43	-	>= 0.10 - < 1.00 wt%
5	dodecamethylcyclohexasiloxane		
	540-97-6 208-762-8 - 01-2119517435-42	-	>= 0.10 - < 1.00 wt%
6	butan-2-one O,O',O''-(methylsilyldiyl)trioxime		
	22984-54-9 245-366-4 - -	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	< 2.50 wt%
7	N-(3-(trimethoxysilyl)propyl)ethylenediamine		
	1760-24-3 217-164-6 - -	Aquatic Chronic 2; H411 Acute Tox. 4; H332 Eye Dam. 1; H318 Skin Sens. 1; H317	< 0.50 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Route, target organ, concrete effect
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1	H373o oral; -; -
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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Seek medical advice immediately. Rinse the mouth thoroughly with water. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

No data available.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up mechanically. When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage



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7.1 Precautions for safe handling

Advice on safe handling

No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary. Pay attention to general rules of internal fire prevention.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage.

Incompatible products

None known

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	octamethylcyclotetrasiloxane			556-67-2 209-136-7	
	inhalative	Long term (chronic)	systemic	73.00	mg/m ³
	inhalative	Short term (acut)	systemic	73.00	mg/m ³
	inhalative	Long term (chronic)	local	73.00	mg/m ³
	inhalative	Short term (acut)	local	73.00	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	octamethylcyclotetrasiloxane			556-67-2 209-136-7	
	oral	Long term (chronic)	systemic	3.70	mg/kg/day
	oral	Short term (acut)	systemic	3.70	mg/kg/day
	inhalative	Long term (chronic)	systemic	13.00	mg/m ³
	inhalative	Short term (acut)	systemic	13.00	mg/m ³
	inhalative	Long term (chronic)	local	13.00	mg/m ³
	inhalative	Short term (acut)	local	13.00	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	octamethylcyclotetrasiloxane		556-67-2 209-136-7	
	water	fresh water	0.44	µg/L
	water	marine water	0.044	µg/L
	water	fresh water sediment	0.59	mg/kg
	with reference to: dry weight			
	water	marine water sediment	0.059	mg/kg



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	with reference to: dry weight		
soil	-	0.15	mg/kg
	with reference to: dry weight		
sewage treatment plant	-	10.00	mg/kg
secondary poisoning	-	41.00	mg/kg
	with reference to: food		

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses (EN 166)

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Check in any case suitability of protective glove for the specific workplace conditions (e.g. mechanical resistance, product compatibility, antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Replace immediately protective gloves if worn or damaged. Make sure that operations are designed so that it is not necessary to wear continuously protective gloves.

Appropriate Material

In case of short-term contact / splash protection:

Appropriate Material

butyl

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation	
solid	
Form/Colour	
pasty	
transparent	
Odour	
weak	
pH value	
No data available	
Boiling point / boiling range	
not determined	
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	> 100 °C
Ignition temperature	
Value	> 400 °C
Method	DIN 51794



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Explosive properties
no data available

Flammability
No data available

Lower explosion limit
No data available

Upper explosion limit
No data available

Vapour pressure
no data available

Relative vapour density
No data available

Relative density
No data available

Density		
Value	1.03	g/cm ³
Reference temperature	25	°C
Method	DIN 51757	

Solubility in water	
Comments	essentially insoluble

Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
log Pow		6.49	
Reference temperature		25.1	°C
Method	OECD 123		
Source	ECHA		

Viscosity
not determined

Particle characteristics
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

None known.

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10.6 Hazardous decomposition products

In contact with water / humidity formation of 2-butanon oxim.

SECTION 11: Toxicological information

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LD50	>	4800	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LD50	>	2400	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
LC50		36	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		



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Reproduction toxicity
No data available
Carcinogenicity
No data available
STOT - single exposure
No data available
STOT - repeated exposure
No data available
Aspiration hazard
No data available
Delayed and immediate effects as well as chronic effects from short and long-term exposure
Product specific toxicological data are not available.

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

The product has not been tested. The information is derived from products of similar composition.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)
No data available
Toxicity to fish (chronic)
No data available
Toxicity to Daphnia (acute)
No data available
Toxicity to Daphnia (chronic)
No data available
Toxicity to algae (acute)
No data available
Toxicity to algae (chronic)
No data available
Bacteria toxicity
No data available

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Type	aerobic biodegradation		
Value		3.7	%
Duration		29	day(s)
Method	OECD 310		
Source	ECHA		
Evaluation	not readily biodegradable		
Abiotic Degradation			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
Type	Hydrolysis		
Half-life		69,3-144	h
pH value		7	



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Reference temperature	24.6	°C
Method	OECD 111	
Source	ECHA	

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	octamethylcyclotetrasiloxane	556-67-2	209-136-7
log Pow		6.49	
Reference temperature		25.1	°C
Method	OECD 123		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

Other adverse effects

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

12.8 Other information

Other information

Ecological data are not available.

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.



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14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

The product contains following substance(s) meeting the criteria in Article 57 in association with Article 59 of the REACH regulation ((EC) 1907/2006) that are placed on the list of candidates considered for inclusion in annex XIV (substances subject to Authorisation).

No	Substance name	CAS no.	EC no.
1	decamethylcyclopentasiloxane	541-02-6	208-764-9
2	dodecamethylcyclohexasiloxane	540-97-6	208-762-8
3	octamethylcyclotetrasiloxane	556-67-2	209-136-7

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	decamethylcyclopentasiloxane	541-02-6	208-764-9	70
2	octamethylcyclotetrasiloxane	556-67-2	209-136-7	70

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361f	Suspected of damaging fertility.
H373o	May cause damage to organs through prolonged or repeated exposure if swallowed.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Creation of the safety data sheet

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The safety data sheet describes products with a view to safety requirements.
It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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