

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

Region: GB

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

1.1 Product identifier

Trade name

SCRINTEC®901

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 Irrit. 2; H315

Classification information

Classification and labelling with respect to Serious eye damage/eye irritation are based on toxicological studies performed on the product (mixture).

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

Hazard statement(s)

H315

Causes skin irritation.

Precautionary statement(s)

P280

Wear protective gloves.

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

Region: GB

2.3 Other hazards

PBT assessment

One or more components of this product are classified as PBT.

vPvB assessment

One or more components of this product are classified as vPvB.

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	triacetoxymethylsilane		
	17689-77-9 241-677-4 - 01-2119881778-15	Skin Corr. 1B; H314 EUH071	< 5.00 wt%
2	diiron trioxide		
	1309-37-1 215-168-2 - 01-2119457614-35	-	>= 10.00 - < 25.00 wt%
3	silicon dioxide, chemically prepared		
	7631-86-9 231-545-4 - 01-2119379499-16	-	< 5.00 wt%

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

Additional ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	decamethylcyclotetrasiloxane		
	541-02-6 208-764-9 - -	-	< 1.00 wt%
2	dodecamethylcyclotetrasiloxane		
	540-97-6 208-762-8 - -	-	< 1.00 wt%
3	octamethylcyclotetrasiloxane		
	556-67-2 209-136-7 014-018-00-1 -	Repr. 2; H361f*** Aquatic Chronic 1; H410	< 1.00 wt%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information



EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

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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

Remove with a cloth or paper. 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. Do not induce vomiting.

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

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Oxides of silica; Iron oxide

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.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

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

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

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Provide good ventilation at the work area (local exhaust

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

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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. Remove contaminated clothing and shoes and launder thoroughly before reusing. Avoid contact with eyes and skin.

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. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	diiron trioxide	1309-37-1	215-168-2
List of approved workplace exposure limits (WELs) / EH40			
	Iron oxide		
	fume		
	Fe		
	WEL short-term (15 min reference period)	10	mg/m ³
	WEL long-term (8-hr TWA reference period)	5	mg/m ³
List of approved workplace exposure limits (WELs) / EH40			
	Rouge		
	total inhalable dust		
	WEL long-term (8-hr TWA reference period)	10	mg/m ³
List of approved workplace exposure limits (WELs) / EH40			
	Rouge		
	respirable dust		
	WEL long-term (8-hr TWA reference period)	4	mg/m ³
2	silicon dioxide, chemically prepared	7631-86-9	231-545-4
List of approved workplace exposure limits (WELs) / EH40			
	Silica, amorphous inhalable dust		
	WEL long-term (8-hr TWA reference period)	6	mg/m ³
List of approved workplace exposure limits (WELs) / EH40			
	Silica, amorphous respirable dust		
	WEL long-term (8-hr TWA reference period)	2.4	mg/m ³

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name	CAS / EC no
	Route of exposure	Value
	Exposure time	
	Effect	
1	triacetoxymethylsilane	17689-77-9 241-677-4
	inhalative	Short term (acute) local 32.5 mg/m ³
	inhalative	Long term (chronic) local 32.5 mg/m ³

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

Region: GB

DNEL value (consumer)

3.12.1.			
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PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	triacetoxymethylsilane		17689-77-9 241-677-4	
	water	fresh water	0.2	mg/L
	with reference to: silane triol (product of hydrolysis)			
	water	marine water	0.02	mg/L
	with reference to: silane triol (product of hydrolysis)			
	water	Aqua intermittent	1.7	mg/L
	with reference to: silane triol (product of hydrolysis)			
	water	fresh water sediment	0.16	mg/kg moist mass
	with reference to: silane triol (product of hydrolysis)			
	water	marine water sediment	0.016	mg/kg moist mass
	with reference to: silane triol (product of hydrolysis)			
	soil	-	0.031	mg/kg moist mass
	with reference to: silane triol (product of hydrolysis)			
	sewage treatment plant	-	1	mg/L

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

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



EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

Region: GB

State of aggregation			
solid			
Form/Colour			
levelling mass			
red			
Odour			
pungent			
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	>=	450	°C
Method	DIN 51794		
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		1.2	g/cm³
Method	DIN 51757		
Solubility in water			
Comments	essentially insoluble		
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No data available			
Viscosity			
Value	appr.	25000	mPa*s
Particle characteristics			
No data available			

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

Region: GB

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Under the action of moisture (atmospheric moisture) product splits off a small quantity of acetic acid.

SECTION 11: Toxicological information

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

Acute oral toxicity

No data available

Acute dermal toxicity

No data available

Acute inhalational toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

No **Product Name**

1 **SCRINTEC®901**

Species

rabbit

Reference substance

Silicone material with ca. 5% mixture of triactoxyethylsilane + triacetoxymethylsilane.

Method

OECD 405

Source

supplier

Evaluation

non-irritant

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

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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

No data available.

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

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

PBT assessment

One or more components of this product are classified as PBT.

vPvB assessment

One or more components of this product are classified as vPvB.

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.

EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

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Replaced version: 5.0.0, issued: 22.07.2021

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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.

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



EU safety data sheet

Trade name: SCRINTEC®901

Product no.: SCR-901

Current version : 5.0.1, issued: 19.08.2021

Replaced version: 5.0.0, issued: 22.07.2021

Region: GB

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

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for one or more of the substances within this mixture.

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)

EUH071 Corrosive to the respiratory tract.

H314 Causes severe skin burns and eye damage.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

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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