



Page 1 of 29  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 18.11.2020 / 0003  
Replacing version dated / version: 27.01.2020 / 0002  
Valid from: 18.11.2020  
PDF print date: 20.11.2020  
Silikon Neutral weiß 310 ml  
Art.: 9094855

---

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Annex II**

---

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

**1.1 Product identifier**

**Silikon Neutral weiß 310 ml**  
**Art.: 9094855**

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

**Relevant identified uses of the substance or mixture:**

Silicone sealant

**Uses advised against:**

No information available at present.

**1.3 Details of the supplier of the safety data sheet**

BTI Befestigungstechnik GmbH & Co. KG  
Salzstr. 51  
74653 Ingelfingen  
Tel.: +49 7940 141 141  
Fax: +49 7940 141 9141  
Email: info@bti.de  
Homepage: www.bti.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

**1.4 Emergency telephone number**

**Emergency information services / official advisory body:**

---

**Telephone number of the company in case of emergencies:**

+49 (0) 700 / 24 112 112 (BRC)

---

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) 1272/2008 (CLP)**

<b>Hazard class</b>	<b>Hazard category</b>	<b>Hazard statement</b>
Aquatic Chronic	3	H412-Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

**Labeling according to Regulation (EC) 1272/2008 (CLP)**



Page 2 of 29  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 18.11.2020 / 0003  
 Replacing version dated / version: 27.01.2020 / 0002  
 Valid from: 18.11.2020  
 PDF print date: 20.11.2020  
 Silikon Neutral weiß 310 ml  
 Art.: 9094855

H412-Harmful to aquatic life with long lasting effects.

P273-Avoid release to the environment.

P501-Dispose of contents / container to an approved waste disposal facility.

EUH208-Contains 2-butanone oxime, 3-aminopropyltriethoxysilane. May produce an allergic reaction.

### 2.3 Other hazards

The mixture contains a vPvB substance (vPvB = very persistent, very bioaccumulative).

The mixture contains a PBT substance (PBT = persistent, bioaccumulative, toxic).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

n.a.

### 3.2 Mixtures

Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	
Registration number (REACH)	01-2119552497-29-XXXX
Index	---
EINECS, ELINCS, NLP	932-078-5 (REACH-IT List-No.)
CAS	---
content %	10-<20
Classification according to Regulation (EC) 1272/2008 (CLP)	Asp. Tox. 1, H304

Dodecamethylcyclhexasiloxane	PBT-substance vPvB-substance SVHC-substance
Registration number (REACH)	---
Index	---
EINECS, ELINCS, NLP	208-762-8
CAS	540-97-6
content %	0,1-<2
Classification according to Regulation (EC) 1272/2008 (CLP)	---

2-butanone oxime	
Registration number (REACH)	01-2119539477-28-XXXX
Index	616-014-00-0
EINECS, ELINCS, NLP	202-496-6
CAS	96-29-7
content %	0,1-<1



Page 3 of 29  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 18.11.2020 / 0003  
 Replacing version dated / version: 27.01.2020 / 0002  
 Valid from: 18.11.2020  
 PDF print date: 20.11.2020  
 Silikon Neutral weiß 310 ml  
 Art.: 9094855

<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Carc. 2, H351 Acute Tox. 4, H312 Eye Dam. 1, H318 Skin Sens. 1, H317
--	---

<b>Decamethylcyclpentasiloxane</b>	<b>PBT-substance vPvB-substance SVHC-substance</b>
<b>Registration number (REACH)</b>	---
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	208-764-9
<b>CAS</b>	541-02-6
<b>content %</b>	0,1-<1
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	---

<b>3-aminopropyltriethoxysilane</b>	
<b>Registration number (REACH)</b>	01-2119480479-24-XXXX
<b>Index</b>	612-108-00-0
<b>EINECS, ELINCS, NLP</b>	213-048-4
<b>CAS</b>	919-30-2
<b>content %</b>	0,1-<1
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1B, H317 Eye Dam. 1, H318

<b>Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter &lt;= 10 µm)</b>	
<b>Registration number (REACH)</b>	01-2119489379-17-XXXX
<b>Index</b>	022-006-002
<b>EINECS, ELINCS, NLP</b>	236-675-5
<b>CAS</b>	13463-67-7
<b>content %</b>	0,1-<1
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Carc. 2, H351 (as inhalation)

<b>Dibutyltin di(acetate)</b>	
<b>Registration number (REACH)</b>	01-2119634587-29-XXXX
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	213-928-8
<b>CAS</b>	1067-33-0
<b>content %</b>	0,025-<0,25



Page 4 of 29  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 18.11.2020 / 0003  
Replacing version dated / version: 27.01.2020 / 0002  
Valid from: 18.11.2020  
PDF print date: 20.11.2020  
Silikon Neutral weiß 310 ml  
Art.: 9094855

<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Skin Corr. 1B, H314 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360FD STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) Eye Dam. 1, H318
--	--

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Supply person with fresh air and consult doctor according to symptoms.

#### Skin contact

Wipe off residual product carefully with a soft, dry cloth.

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### Ingestion

Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

Sensitive individuals:

Allergic reaction possible.

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water jet spray/foam/CO2/dry extinguisher

#### Unsuitable extinguishing media

None known



Page 5 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

---

## 5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Oxides of nitrogen

Silicon dioxide

Formaldehyde

Toxic gases

## 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Dispose of contaminated extinction water according to official regulations.

---

## SECTION 6: Accidental release measures

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

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

### 6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

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

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

Flush residue using copious water.

Or:

Allow product to harden.

Pick up mechanically and dispose of according to Section 13.

### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

---

## SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

Ensure good ventilation.

Avoid contact with eyes.

Avoid long lasting or intensive contact with skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

#### 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Ⓢ

Page 6 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep out of access to unauthorised individuals.

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Store at room temperature.

Store in a dry place.

**7.3 Specific end use(s)**

No information available at present.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40):

1200 mg/m<sup>3</sup>

Ⓢ	<b>Chemical Name</b>	Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	Content %:10-<20
	WEL-TWA: 1200 mg/m <sup>3</sup> (>=C7 normal and branched chain alkanes)	WEL-STEL: ---	---
	Monitoring procedures:	<ul style="list-style-type: none"> <li>- Draeger - Hydrocarbons 0,1%/c (81 03 571)</li> <li>- Draeger - Hydrocarbons 2/a (81 03 581)</li> <li>- Compur - KITA-187 S (551 174)</li> </ul>	
	BMGV: ---	Other information: ---	
Ⓢ	<b>Chemical Name</b>	Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm)	Content %:0,1-<1
	WEL-TWA: 10 mg/m <sup>3</sup> (total inhalable dust), 4 mg/m <sup>3</sup> (respirable dust)	WEL-STEL: ---	---
	Monitoring procedures:	---	
	BMGV: ---	Other information: ---	
Ⓢ	<b>Chemical Name</b>	Dibutyltin di(acetate)	Content %:0,025-<0,25
	WEL-TWA: 0,1 mg/m <sup>3</sup> (Sn) (tin compounds, organic)	WEL-STEL: 0,2 mg/m <sup>3</sup> (Sn) (tin compounds, organic)	---
	Monitoring procedures:	---	
	BMGV: ---	Other information: Sk (Sn) (tin compounds, organic)	
Ⓢ	<b>Chemical Name</b>	Silica, amorphous	Content %:
	WEL-TWA: 6 mg/m <sup>3</sup> (total inh. dust), 2,4 mg/m <sup>3</sup> (resp. dust)	WEL-STEL: ---	---
	Monitoring procedures:	---	
	BMGV: ---	Other information: ---	



Page 7 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

<b>Dodecamethylcyclohexasiloxane</b>						
<b>Area of application</b>	<b>Exposure route / Environmental compartment</b>	<b>Effect on health</b>	<b>Descriptor</b>	<b>Value</b>	<b>Unit</b>	<b>Note</b>
	Environment - sediment, freshwater		PNEC	2,826	mg/kg dw	
	Environment - sediment, marine		PNEC	0,282	mg/kg dw	
	Environment - soil		PNEC	3,336	mg/kg dw	
	Environment - sewage treatment plant		PNEC	1	mg/l	
Consumer	Human - oral	Short term, systemic effects	DNEL	1,7	mg/kg bw/d	
Consumer	Human - inhalation	Short term, local effects	DNEL	1,5	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	2,7	mg/m <sup>3</sup>	
Consumer	Human - oral	Long term, systemic effects	DNEL	1,7	mg/kg bw/d	
Consumer	Human - inhalation	Long term, local effects	DNEL	0,3	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	6,1	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	11	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	1,22	mg/m <sup>3</sup>	

<b>2-butanone oxime</b>						
<b>Area of application</b>	<b>Exposure route / Environmental compartment</b>	<b>Effect on health</b>	<b>Descriptor</b>	<b>Value</b>	<b>Unit</b>	<b>Note</b>
	Environment - sewage treatment plant		PNEC	177	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	0,118	mg/l	
	Environment - freshwater		PNEC	0,256	mg/l	
Consumer	Human - dermal	Short term, systemic effects	DNEL	1,5	mg/kg bw/day	
Consumer	Human - dermal	Long term, systemic effects	DNEL	0,78	mg/kg bw/day	
Consumer	Human - inhalation	Long term, local effects	DNEL	2	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	2,7	mg/m <sup>3</sup>	



Page 8 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Workers / employees	Human - dermal	Short term, systemic effects	DNEL	2,5	mg/kg bw/day	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	1,3	mg/kg bw/day	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	3,33	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	9	mg/m <sup>3</sup>	

<b>Decamethylcyclopentasiloxane</b>						
<b>Area of application</b>	<b>Exposure route / Environmental compartment</b>	<b>Effect on health</b>	<b>Descriptor</b>	<b>Value</b>	<b>Unit</b>	<b>Note</b>
	Environment - freshwater		PNEC	0,0012	mg/l	
	Environment - marine		PNEC	0,00012	mg/l	
	Environment - sediment, freshwater		PNEC	2,4	mg/kg	
	Environment - sediment, marine		PNEC	0,24	mg/kg	
	Environment - soil		PNEC	1,1	mg/kg	
	Environment - sewage treatment plant		PNEC	10	mg/l	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	17,3	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Short term, local effects	DNEL	4,3	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	17,3	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Long term, local effects	DNEL	4,3	mg/m <sup>3</sup>	
Consumer	Human - oral	Short term, systemic effects	DNEL	5	mg/kg bw/d	
Consumer	Human - oral	Long term, systemic effects	DNEL	5	mg/kg bw/d	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	97,3	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	24,2	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	97,3	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	24,2	mg/m <sup>3</sup>	

**Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm)**





Page 9 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,184	mg/l	
	Environment - marine		PNEC	0,0184	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	0,193	mg/l	
	Environment - sewage treatment plant		PNEC	100	mg/l	
	Environment - sediment, freshwater		PNEC	1000	mg/kg dw	
	Environment - sediment, marine		PNEC	100	mg/kg dw	
	Environment - soil		PNEC	100	mg/kg dw	
	Environment - oral (animal feed)		PNEC	1667	mg/kg feed	
Consumer	Human - oral	Long term, systemic effects	DNEL	700	mg/kg bw/d	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	10	mg/m <sup>3</sup>	

Silica, amorphous						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - oral (animal feed)		PNEC	60000	mg/kg feed	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	4	mg/m <sup>3</sup>	



WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU).

(10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14)



Page 10 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

---

= The substance can cause sensitisation of the skin (Directive 2004/37/CE).

## **8.2 Exposure controls**

### **8.2.1 Appropriate engineering controls**

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

### **8.2.2 Individual protection measures, such as personal protective equipment**

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

With danger of contact with eyes.

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

If applicable

Protective Neoprene® / polychloroprene gloves (EN 374).

Protective nitrile gloves (EN 374).

Minimum layer thickness in mm:

0,5

Permeation time (penetration time) in minutes:

> 480

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Protective hand cream recommended.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

Normally not necessary.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.



Page 11 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

---

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.3 Environmental exposure controls

No information available at present.

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Paste, solid.
Colour:	White
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	Not determined
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	1,000000000 g/cm <sup>3</sup>
Bulk density:	Not determined
Solubility(ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	>20,5 mm <sup>2</sup> /s (40°C)
Explosive properties:	Product is not explosive.
Oxidising properties:	No

### 9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

---

## SECTION 10: Stability and reactivity



Page 12 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

### 10.1 Reactivity

The product has not been tested.

### 10.2 Chemical stability

Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4 Conditions to avoid

Strong heat

Moisture

### 10.5 Incompatible materials

Avoid contact with strong oxidizing agents.

### 10.6 Hazardous decomposition products

No decomposition when used as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

Silikon Neutral weiß 310 ml Art.: 9094855						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.

Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	



Page 13 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Acute toxicity, by dermal route:	LD50	>3160	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>5266	mg/m <sup>3</sup> /4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Aerosol
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Human being		No (skin contact)
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Aspiration hazard:						Yes
Symptoms:						nausea and vomiting., lower abdominal pain, diarrhoea, stomach pain

#### Dodecamethylcyclohexasiloxane

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat		
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Not sensitising
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative



Page 14 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Reproductive toxicity:	NOAEL	1000	mg/kg bw/d	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Dev elopm. Tox. Screening Test)	
Specific target organ toxicity - repeated exposure (STOT-RE):	NOAEL	0,15	mg/kg bw/d	Rat	OECD 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)	

<b>2-butanone oxime</b>						
<b>Toxicity / effect</b>	<b>Endpoi nt</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
Acute toxicity, by oral route:	LD50	930	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	Does not conform with EU classification
Acute toxicity, by dermal route:	LD50	>1000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by dermal route:	LD0	1000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC0	4,83	mg/l/4h		OECD 403 (Acute Inhalation Toxicity)	
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Eye Dam. 1
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Skin Sens. 1
Germ cell mutagenicity:					OECD 482 (Gen. Tox. - DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells In Vitro)	Negative
Germ cell mutagenicity:				Salmonella typhimuri um	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity:	NOAEL	200	mg/kg bw/d	Rat		



Page 15 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Symptoms:						respiratory distress, drop in blood pressure, disturbed heart rhythm, headaches, cramps
Symptoms:						abdominal pain, blisters by skin-contact, eyes, reddened, watering eyes
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	25	mg/kg bw/d	Rat		Male EPA OPPTS 870.3100
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	30	mg/kg bw/d	Rat		Female

Decamethylcyclopentasiloxane						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	8,67	mg/l/4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Aerosol
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	No (skin contact)
Germ cell mutagenicity:					(Ames-Test)	Negative
Reproductive toxicity:				Rat		Negative



Page 16 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

<b>3-aminopropyltriethoxysilane</b>						
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
Acute toxicity, by oral route:	LD50	1780	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>=4000	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Skin Corr. 1B
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Eye Dam. 1
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Skin Sens. 1B
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Germ cell mutagenicity:					OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Negative
Symptoms:						respiratory distress, burning of the membranes of the nose and throat, coughing, mucous membrane irritation
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	200	mg/kg	Rat	OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)	

**Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm)**

<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
--------------------------	-----------------	--------------	-------------	-----------------	--------------------	--------------





Page 17 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 425 (Acute Oral Toxicity - Up-and-Down Procedure)	
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LD50	>6,8	mg/l/4h	Rat		
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant, Mechanical irritation possible.
Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Not sensitising
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	No (skin contact)
Germ cell mutagenicity:				Mouse	OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative
Germ cell mutagenicity:				Salmonella typhimurium	(Ames-Test)	Negative
Germ cell mutagenicity:					OECD 473 (In Vitro Mammalian Chromosome Aberration Test)	Negative
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Negative
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity (Developmental toxicity):				Rat	OECD 414 (Prenatal Developmental Toxicity Study)	No indications of such an effect.
Specific target organ toxicity - single exposure (STOT-SE):						Not irritant (respiratory tract).



Page 18 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Symptoms:						mucous membrane irritation, coughing, respiratory distress, drying of the skin.
Specific target organ toxicity - repeated exposure (STOT-RE), oral:	NOAEL	3500	mg/kg/d	Rat		90d
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAEC	10	mg/m <sup>3</sup>	Rat		90d

<b>Dibutyltin di(acetate)</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	32	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>2000	mg/kg	Rabbit		
Symptoms:						breathing difficulties, cramps, mucous membrane irritation

<b>Silica, amorphous</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	Analogous conclusion
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LC50	>0,139	mg/l/4h	Rat		References, Maximum achievable concentration
Skin corrosion/irritation:				Rabbit		Not irritant, References
Serious eye damage/irritation:				Rabbit		Not irritant, Mechanical irritation possible., References



Page 19 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Respiratory or skin sensitisation:				Guinea pig		Not sensitising
Germ cell mutagenicity:						Negative
Carcinogenicity:						No indications of such an effect.
Reproductive toxicity (Developmental toxicity):						No indications of such an effect.
Symptoms:						eyes, reddened

## SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

Silikon Neutral weiß 310 ml Art.: 9094855							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:							n.d.a.
12.1. Toxicity to daphnia:							n.d.a.
12.1. Toxicity to algae:							n.d.a.
12.2. Persistence and degradability:							n.d.a.
12.3. Bioaccumulative potential:							n.d.a.
12.4. Mobility in soil:							n.d.a.
12.5. Results of PBT and vPvB assessment							n.d.a.
12.6. Other adverse effects:							n.d.a.
Other information:							DOC-elimination degree (complexing organic substance) $\geq$ 80%/28d: n.a.



Page 20 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

Other information:							According to the recipe, contains no AOX.
--------------------	--	--	--	--	--	--	---

Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LL50	96h	>1028	mg/l	Scophthalmus maximus	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	NOELR	28d	>1000	mg/l	Oncorhynchus mykiss	QSAR	
12.1. Toxicity to daphnia:	NOELR	21d	>1000	mg/l	Daphnia magna	QSAR	
12.1. Toxicity to daphnia:	LL50	48h	>3193	mg/l	Acartia tonsa	ISO 14669	
12.1. Toxicity to algae:	ErL50	72h	>1000 0	mg/l	Skeletonema costatum	ISO 10253	
12.2. Persistence and degradability:		28d	74	%		OECD 306 (Biodegradability in Seawater)	
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance

Dodecamethylcyclohexasiloxane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	>4,6	µg/l	Daphnia magna		
12.3. Bioaccumulative potential:	Log Pow		8,87- 9,45				
12.3. Bioaccumulative potential:	BCF	49d	1160			OECD 305 (Bioconcentration - Flow-Through Fish Test)	
12.1. Toxicity to algae:	EC50	72h	>2	µg/l	Pseudokirchneriella subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to fish:	NOEC/NOEL	49d	4,4	µg/l	Cyprinus caprio		
12.1. Toxicity to fish:	LC50	49d	>4,4	µg/l	Pimephales promelas		



Page 21 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

12.2. Persistence and degradability:		28d	4,47	%		OECD 310 (Ready Biodegradability - CO <sub>2</sub> in sealed vessels (Headspace Test))	Not readily biodegradable CO <sub>2</sub> evolution
Toxicity to bacteria:	EC50	3h	>100	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	

2-butanone oxime							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	NOEC/NOEL	14d	50	mg/l	Oryzias latipes	OECD 204 (Fish, Prolonged Toxicity Test - 14-Day Study)	
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	>100	mg/l	Daphnia magna	OECD 211 (Daphnia magna Reproduction Test)	
12.3. Bioaccumulative potential:	BCF	42d	0,5-0,6			OECD 305 (Bioconcentration - Flow-Through Fish Test)	
12.1. Toxicity to fish:	LC50	96h	843	mg/l	Pimephales promelas		
12.1. Toxicity to fish:	LC50	96h	760	mg/l	Poecilia reticulata		
12.1. Toxicity to daphnia:	EC50	48h	201	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EC50	72h	11,8	mg/l	Selenastrum capricornutum	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to fish:	LC50	96h	48	mg/l	Lepomis macrochirus		



Page 22 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

12.2. Persistence and degradability:	BOD	21d	14,5	%		OECD 301 C (Ready Biodegradability - Modified MITI Test (I))	Not readily biodegradable
12.3. Bioaccumulative potential:	Log Pow		0,63				
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC50	17h	281	mg/l	<i>Pseudomonas putida</i>	DIN 38412 T.8	
Other information:	BOD	28d	24,7	%			
Other information:	DOC	28d	25	%			

<b>Decamethylcyclopentasiloxane</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.3. Bioaccumulative potential:	Log Pow		8,023				
12.1. Toxicity to fish:	LC50	96h	>16	µg/l	<i>Oncorhynchus mykiss</i>	OECD 204 (Fish, Prolonged Toxicity Test - 14-Day Study)	Water toxicology is above the water-solubility value.
12.1. Toxicity to fish:	NOEC/NOEL	>60d	>14	µg/l	<i>Oncorhynchus mykiss</i>	OECD 210 (Fish, Early-Life Stage Toxicity Test)	Water toxicology is above the water-solubility value.
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	>15	µg/l	<i>Daphnia magna</i>	OECD 211 (Daphnia magna Reproduction Test)	Water toxicology is above the water-solubility value.
12.1. Toxicity to daphnia:	EC50	48h	>2,9	µg/l	<i>Daphnia magna</i>	OECD 202 (Daphnia sp. Acute Immobilisation Test)	Water toxicology is above the water-solubility value.



Page 23 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

12.1. Toxicity to algae:	EC50	96h	>12	µg/l	Pseudokirchneriella subcapitata	OECD 201 (Alga, Growth Inhibition Test)	Water toxicology is above the water-solubility value.
12.2. Persistence and degradability:						OECD 301 (Ready Biodegradability)	Not readily biodegradable
12.2. Persistence and degradability:		28d	0,14	%		OECD 310 (Ready Biodegradability - CO <sub>2</sub> in sealed vessels (Headspace Test))	Not readily biodegradable
12.3. Bioaccumulative potential:	BCF		>=500		Pimephales promelas		
12.1. Toxicity to algae:	NOEC/NOEL	96h	>0,012	mg/l	Pseudokirchneriella subcapitata		Water toxicology is above the water-solubility value.
Toxicity to bacteria:	EC50	3h	>2000	mg/l	activated sludge		
Toxicity to annelids:	NOEC/NOEL	56d	>=76	mg/kg dw	Eisenia foetida	OECD 222 (Earthworm Reproduction Test (Eisenia fetida/Eisenia andrei))	
Water solubility:			<0,05	mg/l			@25°C

### 3-aminopropyltriethoxysilane

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h	>934	mg/l	Brachydanio rerio	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	EC50	48h	331	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EC50	72h	603	mg/l	Scenedesmus subspicatus		
12.1. Toxicity to algae:	NOEC/NOEL	72h	1,3	mg/l	Scenedesmus subspicatus		

12.2. Persistence and degradability:	DOC	28d	67	%		OECD 301 A (Ready Biodegradability - DOC Die-Away Test)	
12.3. Bioaccumulative potential:	BCF		3,4		Cyprinus caprio		

<b>Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter &lt;= 10 µm)</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.1. Toxicity to fish:	LC50	96h	>100	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	LC50	48h	>100	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EC50	72h	16	mg/l	Pseudokirchneriella subcapitata	U.S. EPA-600/9-78-018	
12.2. Persistence and degradability:							Not relevant for inorganic substances.
12.3. Bioaccumulative potential:	BCF	42d	9,6				Not to be expected
12.3. Bioaccumulative potential:	BCF	14d	19-352				Oncorhynchus mykiss
12.4. Mobility in soil:							Negative
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to bacteria:			>5000	mg/l	Escherichia coli		
Toxicity to bacteria:	LC0	24h	>10000	mg/l	Pseudomonas fluorescens		
Toxicity to annelids:	NOEC/NOEL		>1000	mg/kg	Eisenia foetida		
Water solubility:							Insoluble20°C

<b>Silica, amorphous</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>





Page 25 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

12.1. Toxicity to fish:	LC50	96h	>1000 0	mg/l	Brachydanio rerio	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	EC50	24h	>1000 0	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EL50	72h	>1000 0	mg/l		OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:							Abiotically degradable.
12.3. Bioaccumulative potential:							Not to be expected
12.4. Mobility in soil:							Not to be expected
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

07 02 17 waste containing silicones other than those mentioned in 07 02 16

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

Hardened product:

Can be disposed of with household rubbish.

#### For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

15 01 02 plastic packaging



Page 26 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

---

## SECTION 14: Transport information

### General statements

14.1. UN number: n.a.

### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Classification code: n.a.

LQ: n.a.

14.5. Environmental hazards: Not applicable

Tunnel restriction code:

### Transport by sea (IMDG-code)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Marine Pollutant: n.a.

14.5. Environmental hazards: Not applicable

### Transport by air (IATA)

14.2. UN proper shipping name:

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

14.5. Environmental hazards: Not applicable

### 14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Non-dangerous material according to Transport Regulations.

---

## SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!

Regulation (EC) No 1907/2006, Annex XVII

Decamethylcyclopentasiloxane

Dibutyltin di(acetate)

Comply with trade association/occupational health regulations.

Directive 2010/75/EU (VOC): 2,6 %

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

---

## SECTION 16: Other information

Revised sections: 3, 8, 11, 12, 15

These details refer to the product as it is delivered.



Page 27 of 29  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 18.11.2020 / 0003  
Replacing version dated / version: 27.01.2020 / 0002  
Valid from: 18.11.2020  
PDF print date: 20.11.2020  
Silikon Neutral weiß 310 ml  
Art.: 9094855

---

Employee instruction/training in handling hazardous materials is required.

**Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):**

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Aquatic Chronic 3, H412	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H360FD May damage fertility. May damage the unborn child.

--- ---

H351 Suspected of causing cancer by inhalation.  
H317 May cause an allergic skin reaction.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H341 Suspected of causing genetic defects.  
H370 Causes damage to organs.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

Aquatic Chronic — Hazardous to the aquatic environment - chronic  
Asp. Tox. — Aspiration hazard  
Carc. — Carcinogenicity  
Acute Tox. — Acute toxicity - dermal  
Eye Dam. — Serious eye damage  
Skin Sens. — Skin sensitization  
Acute Tox. — Acute toxicity - oral  
Skin Corr. — Skin corrosion  
Muta. — Germ cell mutagenicity  
Repr. — Reproductive toxicity  
STOT SE — Specific target organ toxicity - single exposure  
STOT RE — Specific target organ toxicity - repeated exposure  
Aquatic Acute — Hazardous to the aquatic environment - acute

---

**Any abbreviations and acronyms used in this document:**

acc., acc. to according, according to  
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)  
AOX Adsorbable organic halogen compounds  
approx. approximately  
Art., Art. no. Article number  
ASTM ASTM International (American Society for Testing and Materials)



Page 28 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

---

ATE Acute Toxicity Estimate

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BSEF The International Bromine Council

bw body weight

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European Community

ECHA European Chemicals Agency

EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

etc. et cetera

EU European Union

EVAl Ethylene-vinyl alcohol copolymer

Fax. Fax number

gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

IUPAC International Union for Pure Applied Chemistry

LC50 Lethal Concentration to 50 % of a test population

LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

OECD Organisation for Economic Co-operation and Development

org. organic

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million

PVC Polyvinylchloride



Page 29 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 18.11.2020 / 0003

Replacing version dated / version: 27.01.2020 / 0002

Valid from: 18.11.2020

PDF print date: 20.11.2020

Silikon Neutral weiß 310 ml

Art.: 9094855

---

**REACH** Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

**REACH-IT List-No.** 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

**RID** Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

**SVHC** Substances of Very High Concern

**Tel.** Telephone

**UN RTDG** United Nations Recommendations on the Transport of Dangerous Goods

**VOC** Volatile organic compounds

**vPvB** very persistent and very bioaccumulative

**wwt** wet weight

---

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.