



Page 1 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

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

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

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)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements

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





Page 2 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

EUH208-Contains 4,5-Dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. EUH210-Safety data sheet available on request.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 < 0.1 %).

SECTION 3: Composition/information on ingredients

3.1 Substances

n.a.

3.2 Mixtures

Triacetoxyethylsilane	
Registration number (REACH)	01-2119881778-15-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	241-677-4
CAS	17689-77-9
content %	1-<3
Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H302
(CLP), M-factors	Skin Corr. 1B, H314
	Eye Dam. 1, H318

Methylsilanetriyl triacetate	
Registration number (REACH)	01-2119962266-32-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	224-221-9
CAS	4253-34-3
content %	1-<3
Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H302
(CLP), M-factors	Skin Corr. 1B, H314
	Eye Dam. 1, H318

Oligomeric ethyl and methylacetoxysilanes	
Registration number (REACH)	
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	
CAS	
content %	<2
Classification according to Regulation (EC) 1272/2008	Skin Corr. 1B, H314
(CLP), M-factors	Eye Dam. 1, H318

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!





Page 3 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

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.

Eve contact

Remove contact lenses.

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

Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - 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

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

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.

Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.





Page 4 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

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.

If accidental entry into drainage system occurs, inform responsible authorities.

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.

An combustible atmosphere can develop in closed vessels.

Remove possible causes of ignition - do not smoke.

Take measures against electrostatic charging, if appropriate.

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

Observe directions on label and instructions for use.

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.

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

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Store in a well ventilated place.

Store cool.

Store in a dry place.

7.3 Specific end use(s)

No information available at present.





Page 5 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

© Chemical Name	Acetic acid			Content %:
WEL-TWA: 10 ppm (25 r	ng/m3) (WEL,	WEL-STEL: 20 ppm (50 mg/m3) (WEL,		
EU)		EU)		
Monitoring procedures:	-]	Draeger - Acetic Acid 5/a (67 22 101)		
	- (Compur - KITA-216 S (549 194)		
	- 1	NIOSH 1603 (Acetic acid in workplace atmosp	heres) -	1994
	(OSHA PV2119 (Acetic acid) - 2003 - EU proje	ect	
	-]	BC/CEN/ENTR/000/2002-16 card 64-5 (2004)		
BMGV:		Other information	:	

Triacetoxyethylsilane								
Area of application	Exposure route /	Effect on health	Descript	Value	Unit	Note		
	Environmental		or					
	compartment							
	Environment -		PNEC	0,2	mg/l			
	freshwater							
	Environment - marine		PNEC	0,02	mg/l			
	Environment -		PNEC	0,16	mg/kg			
	sediment, freshwater							
	Environment -		PNEC	0,016	mg/kg			
	sediment, marine							
	Environment - soil		PNEC	0,031	mg/kg			
	Environment -		PNEC	1	mg/l			
	sewage treatment							
	plant							
	Environment -		PNEC	1,7	mg/l			
	sporadic							
	(intermittent) release							
Consumer	Human - inhalation	Short term, local	DNEL	65	mg/m3			
		effects						
Consumer	Human - inhalation	Long term, local	DNEL	10,8	mg/m3			
		effects						
Workers / employees	Human - inhalation	Long term, local	DNEL	32,5	mg/m3			
		effects						

Methylsilanetriyl triacetate									
Area of application	Exposure route /	Effect on health	Descript	Value	Unit	Note			
	Environmental		or						
	compartment								
	Human - inhalation	Long term,	DNEL	6,3	mg/m3				
		systemic effects							
	Environment -		PNEC	1	mg/l				
	freshwater								





Page 6 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

	Environment - sewage treatment plant		PNEC	10	mg/l
	Environment - soil		PNEC	0,145	mg/kg dw
	Environment - marine		PNEC	0,1	mg/l
	Environment - sediment, marine		PNEC	0,34	mg/kg dw
	Environment - sediment, freshwater		PNEC	3,4	mg/kg dw
	Environment - water, sporadic (intermittent) release		PNEC	10	mg/l
Consumer	Human - oral	Short term, systemic effects	DNEL	1	mg/kg bw/d
Consumer	Human - oral	Long term, systemic effects	DNEL	1	mg/kg bw/d
Consumer	Human - dermal	Short term, systemic effects	DNEL	7,2	mg/kg bw/d
Consumer	Human - dermal	Long term, systemic effects	DNEL	7,2	mg/kg bw/d
Consumer	Human - inhalation	Short term, local effects	DNEL	5,1	mg/m3
Consumer	Human - inhalation	Short term, systemic effects	DNEL	6,3	mg/m3
Consumer	Human - inhalation	Long term, local effects	DNEL	5,1	mg/m3
Workers / employees	Human - inhalation	Short term, local effects	DNEL	31	mg/m3
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	25	mg/m3
Workers / employees	Human - inhalation	Long term, local effects	DNEL	31	mg/m3
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	25	mg/m3
Workers / employees	Human - dermal	Short term, systemic effects	DNEL	14,5	mg/kg bw/d
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	14,5	mg/kg bw/d

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





Page 7 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

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) = 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:

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

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

Recommended

Protective nitrile gloves (EN 374).

Minimum layer thickness in mm:

> 0,1

Permeation time (penetration time) in minutes:

60 - 120

Protective gloves in butyl rubber (EN 374).

Minimum layer thickness in mm:

> 0,3

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.





Page 8 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

If OES or MEL is exceeded.

Gas mask filter ABEK (EN 14387), code colour brown, grey, yellow, green Observe wearing time limitations for respiratory protection equipment.

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.

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, liquid.

Colour: According to specification

Odour: Penetrating
Odour threshold: Not determined
pH-value: Not determined

Melting point/freezing point: n.a.
Initial boiling point and boiling range: n.a.

Flash point:

Evaporation rate:

Flammability (solid, gas):

Lower explosive limit:

Upper explosive limit:

Not determined

4 Vol-% (Acetic acid)

17 Vol-% (Acetic acid)

Vapour pressure: Not determined Vapour density (air = 1): Not determined

Density: 1,02 g/cm3 (23°C, ISO 1183)

Bulk density: Not determined Solubility(ies): Not determined Water solubility: Insoluble Partition coefficient (n-octanol/water): Not determined

Auto-ignition temperature: 400 °C (DIN 51794, Ignition temperature)

Decomposition temperature:

Viscosity:

Supposition temperature:

Not determined

>20,5 mm2/s (40°C)

Explosive properties:

Not determined

Not determined





Page 9 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

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

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

See also section 7.

Moisture

Strong heat

T > 150°C

10.5 Incompatible materials

See also section 7.

Water

Bases

Alcohols

10.6 Hazardous decomposition products

See also section 5.2

In case of contact with water:

Acetic acid

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Silicone Sanitary plus lightgrey 7035 310 ml						
Art.: 9093988						
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral						n.d.a.
route:						
Acute toxicity, by						n.d.a.
dermal route:						
Acute toxicity, by						n.d.a.
inhalation:						
Skin corrosion/irritation:						n.d.a.
Serious eye						n.d.a.
damage/irritation:						
Respiratory or skin						n.d.a.
sensitisation:						





Page 10 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

Germ cell mutagenicity:			n.d.a.
Carcinogenicity:			n.d.a.
Reproductive toxicity:			n.d.a.
Specific target organ			n.d.a.
toxicity - single	1		
exposure (STOT-SE):	1		
Specific target organ			n.d.a.
toxicity - repeated	1		
exposure (STOT-RE):			
Aspiration hazard:			n.d.a.
Symptoms:			n.d.a.

Triacetoxyethylsilane						
Toxicity / effect	Endpoi nt	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	1460	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Corrosive
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Not irritant, Classificatio n based on toxicological analyses.<5
Skin corrosion/irritation:				Rabbit		Corrosive
Serious eye				Rabbit	OECD 405 (Acute	Not irritant,
damage/irritation:					Eye Irritation/Corrosio n)	Classificatio n based on toxicological analyses.<5
Respiratory or skin				Guinea pig	OECD 406 (Skin	No (skin
sensitisation:					Sensitisation)	contact)
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Germ cell mutagenicity:					OECD 473 (In Vitro Mammalian Chromosome Aberration Test)	Negative, Analogous conclusion
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)	Negative, Analogous conclusion
Symptoms:						mucous membrane irritation





Page 11 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

Methylsilanetriyl triacetate							
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes	
	nt						
Acute toxicity, by oral	LD50	1600	mg/kg	Rat			
route:							
Symptoms:						mucous	
						membrane	
						irritation	

SECTION 12: Ecological information

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

Silicone Sanitary plus lightgrey 7035 310 ml Art.: 9093988							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to	LC50	96h	>10-	mg/l	Oncorhynchus		Expert
fish:			<100		mykiss		judgement
							Analogous
							conclusion
12.1. Toxicity to	NOEC/NO		>1	mg/l	Oncorhynchus		Expert
fish:	EL				mykiss		judgement
							Analogous
							conclusionea
							rly life stage
							test
12.1. Toxicity to	NOEC/NO		>1	mg/l	Daphnia		Expert
daphnia:	EL				magna		judgement
							Analogous
							conclusionre
							production
12.1. Toxicity to	EC50	48h	>10-	mg/l	Daphnia		Expert
daphnia:			<100		magna		judgement
							Analogous
							conclusion
12.1. Toxicity to	ErC50	24h	>10-	mg/l	Navicula		Expert
algae:			<100		pelliculosa		judgement
							Analogous
							conclusion
12.1. Toxicity to	NOEC/NO	24h	>1	mg/l	Navicula		Expert
algae:	EL				pelliculosa		judgement
							Analogous
							conclusiong
							owth rate
12.2. Persistence							n.d.a.
and degradability:							
12.3.							n.d.a.
Bioaccumulative							
potential:							





Page 12 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

12.4. Mobility in					n.d.a.
soil:					
12.5. Results of					n.d.a.
PBT and vPvB					
assessment					
12.6. Other					n.d.a.
adverse effects:					
Other information:	AOX	0,04	%		Contains
					organically
					bound
					halogens,
					which may
					contribute to
					the AOX
					value in
					wastewater.
Other information:					DOC-
					elimination
					degree(comp
					lexing
					organic
					substance)>=
					80%/28d:
					n.a.

Triacetoxyethylsila	Triacetoxyethylsilane						
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.5. Results of							No PBT
PBT and vPvB							substance,
assessment							No vPvB
							substance
12.1. Toxicity to	LC50	96h	251	mg/l	Brachydanio	OECD 203	
fish:					rerio	(Fish, Acute	
						Toxicity Test)	
12.1. Toxicity to	EC50	48h	168,7	mg/l	Daphnia	OECD 202	Analogous
daphnia:					magna	(Daphnia sp.	conclusion
						Acute	
						Immobilisatio	
						n Test)	
12.1. Toxicity to	EC50	72h	210	mg/l	Pseudokirchne	OECD 201	Analogous
algae:					riella	(Alga,	conclusion
					subcapitata	Growth	
						Inhibition	
						Test)	
12.1. Toxicity to	NOEC/NO	21d	>=100	mg/l	Daphnia	OECD 202	Analogous
daphnia:	EL				magna	(Daphnia sp.	conclusion
						Acute	
						Immobilisatio	
						n Test)	





Page 13 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

Toxicity to bacteria:	EC50	3h	>100	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
12.1. Toxicity to daphnia:	EC50	48h	62	mg/l	Daphnia magna		
12.1. Toxicity to algae:	IC50	72h	73	mg/l	Scenedesmus subspicatus		
12.2. Persistence and degradability:		21d	74	%		Regulation (EC) 440/2008 C.4- A (DETERMIN ATION OF 'READY' BIODEGRAD ABILITY - DOC DIE- AWAY TEST)	
12.2. Persistence and degradability:		21d	70	%		OECD 301 A (Ready Biodegradabil ity - DOC Die-Away Test)	Readily biodegradabl e

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 10 waste adhesives and sealants other than those mentioned in 08 04 09

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

For contaminated packing material

Pay attention to local and national official regulations.





Page 14 of 16

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

Revision date / version: 27.11.2020 / 0002

Replacing version dated / version: 15.07.2019 / 0001

Valid from: 27.11.2020 PDF print date: 02.06.2021

Silicone Sanitary plus lightgrey 7035 310 ml

Art.: 9093988

Empty container completely.

Uncontaminated packaging can be recycled.

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

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:

General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): < 1 %

Treated goods as per Regulation (EU) No. 528/2012 must display specific information on the label.

Please note Article 58 paragraph (3) subparagraph 2 of Regulation (EU) No. 528/2012.

Approval of the biocidal active substance may mean that special conditions are required for marketing the treated goods.

These are indicated in the approval of the active substance.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.





Page 15 of 16

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

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Art.: 9093988

SECTION 16: Other information

Revised sections: 3, 8, 9, 11, 12, 15

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

Not applicable

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).

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Acute Tox. — Acute toxicity - oral Skin Corr. — Skin corrosion Eye Dam. — Serious eye damage

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)

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



(GB

Page 16 of 16

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

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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

IUPACInternational 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 applicablen.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

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.