

Safety Data Sheets

Complies with Regulation (EC) No 1907/2006 (REACH), Annex II, amended according to Regulation (EU) No 2020/878

Siliconcreme
Article no.: No. 97115

Revised on: 15.05.2023
Version: 4.0 Replaced version: 3.0



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

1.1	Product identifier	Siliconcreme Article no.: 97115
1.2	Relevant identified uses of the substance or mixture and uses which are not recommended	
1.2.1	Relevant uses medical device:	Siliconpaste TP 12
1.2.2	Uses that are not recommended:	None known
1.3	Details of the supplier providing the safety data sheet	Dr. Hinz Dental Vertriebsgesellschaft mbH & Co. KG Friedrich der Große 64 44628 Herne GERMANY Phone: + 49 (0) 23 23 / 59 34 20 Fax : + 49 (0) 23 23 / 59 34 29 E-Mail: qm@dhug.de
1.4	Emergency number	Contact: Dr. P. Hinz Phone: + 49 17 51 83 41 34

SECTION 2: Possible dangers

2.1	Classification of the substance or mixture	According to EC directives not subject to labeling for handling
2.1.1	Classification according to (EC) Regulation 1272/2008 as amended.	Not classified
2.2	Labelling elements Additional information:	Not applicable No data available
2.3	Other dangers	There are no data available.

SECTION 3: Composition / Information on ingredients

3.1	Chemical characterisation	Polydimethylsiloxane (CAS No.: 63148-62-9).
3.1.1	Dangerous ingredients	Not subject to declaration

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Section 4: First aid measures

4.1	Description of the first aid measures	
	General notes	No action should be taken that involves personal risk or has not been adequately trained.
	Inhalation:	Remove to fresh air. Seek medical attention if symptoms occur.
	Eye contact:	Immediately flush eye with water. Seek medical attention if symptoms occur.
	Skin contact:	Wash the area with soap and water. Remove contaminated, soaked clothing. Seek medical attention if symptoms occur.
	Ingestion:	Do NOT induce vomiting if swallowed. Administer a glass of water. Seek medical attention.
4.2	Most important symptoms and effects, both acute and delayed:	not known
4.3	Indications for immediate medical help or special treatment	
	Dangers:	This product is not expected to be harmful under normal use and proper personal hygiene.
	Treatment:	Do NOT induce vomiting if swallowed. Administer a glass of water.

SECTION 5: Fire-fighting measures

5.1	General fire hazards	Do not allow runoff of fire extinguishing materials, even in diluted form, to reach water bodies, sewage system or drinking water reservoirs. In case of insufficient ventilation, put on breathing apparatus. Remove containers from the fire area as far as this is possible without danger.
	Extinguishing agent Suitable extinguishing media	Water spray, foam, dry powder, carbon dioxide (CO ₂), sand
	Unsuitable extinguishing media:	Avoid direct water jets; this will scatter and spread the fire.
5.2	Special hazards arising from the substance or mixture:	Cool containers exposed to fire with a water spray. In case of fire, carbon monoxide and carbon dioxide may be formed. Reacts with bases to liberate flammable gases.
5.3	Advice for firefighters Advice for firefighters:	Respiratory protection with independent air supply required for fire fighting. Do not allow contaminated extinguishing water to enter the ground, groundwater or bodies of water.
	Special protective equipment for fire fighting:	Wear self-contained breathing apparatus and protective clothing. Do not allow runoff from firefighting materials, even in diluted form, to reach bodies of water, sewers, or drinking water reservoirs. Use ordinary firefighting measures; consider hazards from other materials involved.

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SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures:	Not required
6.2	Environmental protection measures:	Not required
6.3	Methods and material for retention and cleaning:	Not required
6.4	Reference to other sections:	Not required

Section 7: Handling and storage:

7.1	Protective measures for safe handling:	No special measures required
	Notes on fire and explosion protection:	No special measures required
7.2	Conditions for safe storage taking into account incompatibilities:	Store the product in the original tightly closed container in a dry and cool place. Keep away from water, acids, bases, amines, alcohols.
	Storage stability:	The material is stable under normal conditions.
	Storage class:	Class 10: Flammable liquids
7.3	Specific end uses:	There are no data available.

SECTION 8: Exposure controls/personal protective equipment

8.1	Parameters to be monitored Occupational exposure limit values	Not applicable
	Biological limit values	not required
8.2	Exposure controls Suitable engineering controls:	not required
	Individual protective measures, for example personal protective equipment	
	General information:	not required
	Eye/face protection:	not required
	Skin protection Hand protection:	not required
	Other:	not required

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Respiratory protection:	not required
Hygiene measures:	not required
Limitation and monitoring of environmental exposure:	not required

SECTION 9: Physical and chemical properties

9.1	Information on the basic physical and chemical properties																																						
	<table border="1"><thead><tr><th>Parameter</th><th>Value</th></tr></thead><tbody><tr><td>State of aggregation</td><td>paste</td></tr><tr><td>Colour</td><td>gray, transparent</td></tr><tr><td>Smell</td><td>Very weak specific</td></tr><tr><td>Melting point/freezing point</td><td>There are no data available.</td></tr><tr><td>Boiling point or initial boiling point and boiling range</td><td>inapplicable</td></tr><tr><td>Flammability</td><td>inapplicable</td></tr><tr><td>Lower explosion limit upper explosion limit</td><td>inapplicable</td></tr><tr><td>Flash point</td><td>> 100 °C</td></tr><tr><td>Ignition temperature</td><td>ca. 400 °C (DIN 51794)</td></tr><tr><td>Decomposition temperature</td><td>inapplicable</td></tr><tr><td>pH value</td><td>neutral</td></tr><tr><td>Kinematic viscosity</td><td>> 4200 m²/s bei 20 °C</td></tr><tr><td>Solubility</td><td>practically insoluble (20 °C)</td></tr><tr><td>Partition coefficient n-octanol/water (log value)</td><td>inapplicable</td></tr><tr><td>Vapour pressure</td><td>inapplicable</td></tr><tr><td>Density and/or specific gravity</td><td>25°C, ca. 1 g/cm³</td></tr><tr><td>Relative vapour density</td><td>inapplicable</td></tr><tr><td>Particle properties</td><td>inapplicable</td></tr></tbody></table>	Parameter	Value	State of aggregation	paste	Colour	gray, transparent	Smell	Very weak specific	Melting point/freezing point	There are no data available.	Boiling point or initial boiling point and boiling range	inapplicable	Flammability	inapplicable	Lower explosion limit upper explosion limit	inapplicable	Flash point	> 100 °C	Ignition temperature	ca. 400 °C (DIN 51794)	Decomposition temperature	inapplicable	pH value	neutral	Kinematic viscosity	> 4200 m ² /s bei 20 °C	Solubility	practically insoluble (20 °C)	Partition coefficient n-octanol/water (log value)	inapplicable	Vapour pressure	inapplicable	Density and/or specific gravity	25°C, ca. 1 g/cm ³	Relative vapour density	inapplicable	Particle properties	inapplicable
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9.2.	Other information No further details																																						

SECTION 10: Stability and reactivity

10.1	Reactivity	here are no data available.
10.2	Chemical stability	The material is stable under normal conditions.
10.3	Possibility of hazardous reactions	here are no data available.
10.4	Conditions to avoid	here are no data available.

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10.5	Incompatible materials	here are no data available.
10.6	Decomposition products	here are no data available.

SECTION 11: Toxicological data

11.1	Information on hazard classes within the meaning of Regulation (EC) No 1272/2008	
	acute toxicity	Product does not require labeling according to the currently valid Ordinance on Hazardous Substances. If the usual precautions are taken when handling mineral oil products, no special hazards are known.
	Corrosive/irritant effect on the skin	No irritation
	Serious eye damage/irritation	No irritation
	Sensitisation of the respiratory tract/skin	here are no data available.
	Germ cell mutagenicity	here are no data available.
	Carcinogenicity	here are no data available.
	Reproductive toxicity	here are no data available.
	Specific target organ toxicity at single exposure	here are no data available.
	Specific target organ toxicity in case of repeated exposure	here are no data available.
	Aspiration hazard	here are no data available.
11.2	Information on other hazards	here are no data available.
11.2.1	Endocrine disrupting properties	here are no data available.
11.2.2	Other information	here are no data available.

SECTION 12. Environmental information

12.1	Toxicity	here are no data available.
12.2	Persistence and degradability	here are no data available.
12.3	Bioaccumulative potential	here are no data available.
12.4	Mobility in soil	here are no data available.
12.5	Results of the PBT and vPvB assessment	here are no data available.
12.6	Endocrine disrupting properties	here are no data available.
12.7	Other adverse effects	here are no data available.

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SECTION 13: Disposal instructions

13.1	Waste treatment process	
	General information	Dispose of in accordance with official regulations. For waste disposal, contact the responsible authorized disposal company for waste disposal. Waste code Product: no data available
	Disposal methods	No data available

SECTION 14: Transport information

14.1	ADR	No dangerous goods in the sense of transport regulations
14.2	ADN	No dangerous goods in the sense of transport regulations
14.3	RID	No dangerous goods in the sense of transport regulations
14.4	IMDG	No dangerous goods in the sense of transport regulations
14.5	IATA	No dangerous goods in the sense of transport regulations
14.6	Special precautions for the user:	No dangerous goods in the sense of transport regulations
14.7	Carriage in bulk in accordance with Annex II of the MARPOL Convention and the IBC Code:	No dangerous goods in the sense of transport regulations

SECTION 15: Legislation

15.1	Safety, health and environmental regulations/specific legislation for the substance or mixture:	
	EU regulations	
	Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled substances:	No dangerous goods in the sense of transport regulations
	Regulation (EU) 2019/1021 on persistent organic pollutants (new edition), as amended:	No dangerous goods in the sense of transport regulations
	Regulation (EC) No 649/2012 on the export and import of dangerous chemicals:	No dangerous goods in the sense of transport regulations
	Regulation (EC) No 1907/2006, REACH Annex XIV List of substances subject to authorisation, as amended:	No dangerous goods in the sense of transport regulations
	EU. REACH Candidate List of Substances of Very High Concern (SVHC) for authorisation:	No dangerous goods in the sense of transport regulations
	Regulation (EC) No 1907/2006 Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles : Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work...:	No dangerous goods in the sense of transport regulations

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	Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding:	No dangerous goods in the sense of transport regulations
	Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances:	No dangerous goods in the sense of transport regulations
	REGULATION (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register, ANNEX II: Pollutants	No dangerous goods in the sense of transport regulations
	Directive 98/24/EU on the protection of workers from the risks related to chemical agents at work:	No dangerous goods in the sense of transport regulations
	National regulations	
	Water hazard class	Water hazardous (WGK 2)
	Reference to Technical Rules for Hazardous Substances (TRGS)	none
	VOC Directive (1999/13/EC) and the Decopaint Directive (2004/42/EC)	none
	Other regulations	none
15.2	Chemical safety assessment	No chemical safety assessment has been carried out.

SECTION 16: Other information

16.1	Information on the revision	Not relevant.
	Important literature references and data sources:	There are no data available.
	Training information:	There are no data available.
	Disclaimer:	More information To the best of our knowledge, the information in this safety data sheet corresponds to our knowledge at the time of revision. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. Insofar as the product named in this safety data sheet is mixed, blended or processed with other materials, or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.