

Hydrosil - component B - coloured

1. Identification of the Substance / Preparation and Company:

- 1.1 Product identifier:
 Commercial product name: Hydrosil – component B - coloured
 Duplicating silicone
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:
 Identified uses: Moulding diverse objects.
 Uses advised against: None known.
- 1.3 Details of the supplier of the safety data sheet:
 Manufacturer/Supplier: SILADENT Dr. Böhme & Schöps GmbH
 Street / mailbox: Im Klei 26
 Country code. / postal code / city: D - 38644 Goslar
 Phone: Tel.: +49 (0) 53 21 / 37 79 – 0
 Fax: Fax: +49 (0) 53 21 / 38 96 32
 E-mail / Website: info@siladent.de - www.siladent.de
- 1.4 Further information obtainable from:
 SILADENT Dr. Böhme & Schöps GmbH: +49 (0) 53 21 / 37 79 - 0 (Mon-Fri. 8 a.m. – 4 p.m.)

2. Hazards Identification:

- 2.1. Classification of the substance or mixture: The product has been classified according to the legislation in force.
 Classification according to Regulation (EC) No 1272/2008 as amended:
 Health Hazards
 Specific Target Organ Toxicity - Repeated Exposure Category 1 H372: Causes damage to organs through prolonged or repeated exposure.
- 2.2 Label Elements:
 Supplemental label information EUH210: Safety data sheet available on request.
 Hazard summary: No specific recommendations.
 Physical Hazards:
 Health Hazards: Quartz/cristobalite : When encapsulated in a polymer, is not expected to pose a health hazard when processed under normal conditions of use. Although classified according to EC criteria, this product is exempt from labelling according to article 23 and Annex 1 (section 1.3.4.1) of regulation (CE) n°1272/2008.
 Inhalation:
 Eye contact: No specific symptoms noted.
 Skin Contact: No specific symptoms noted.
 Ingestion: No specific symptoms noted.
 Other Health Effects: No other information noted.
 Environmental hazards: Not regarded as dangerous for the environment.
- 2.3 Other hazards: Chemical compounds containing silicon - hydrogen bonds (SiH).

3. Composition / Information on Ingredients:

- 3.2 Mixtures
 General information: Mixture of Polyorganosiloxanes, fillers, additives.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Cristobalite	20 - <50%	14464-46-1	238-455-4	Exempted in accordance with Annex V.7	No data available.	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

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Classification

Chemical name	Classification	Notes
Cristobalite	STOT RE 1 H372;	No data available.

CLP: Regulation No. 1272/2008.

The full text for all H-statements is displayed in section 16.

4. First aid measures:

General:	Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.
4.1 Description of first aid measures:	
Inhalation:	Not relevant.
Skin Contact:	Remove contaminated clothing and shoes. Wash with soap and water.
Eye contact:	In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly.
4.2 Most important symptoms and effects, both acute and delayed:	None known.
4.3 Indication of any immediate medical attention and special treatment needed:	
Hazards:	No specific recommendations.
Treatment:	No specific recommendations.

5. Fire Fighting measures:

General Fire Hazards:	No specific recommendations.
5.1 Extinguishing media	
Suitable extinguishing media:	Foam. Powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.
5.2 Special hazards arising from the substance or mixture:	None known. For further information, refer to Section 10: "Stability and Reactivity".
5.3 Advice for firefighters:	
Special firefighting procedures:	Water spray should be used to cool containers.
Special protective equipment for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:	
For non-emergency personnel:	Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Keep away from Alkalis and caustic products. Eliminate all sources of ignition.
For emergency responders:	No data available.
6.2 Environmental Precautions:	Collect spillage. Prevent entry into waterways, sewer, basements or confined areas.
6.3 Methods and material for containment and cleaning up:	Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Suitable containers: equipped with a degassing device. Absorb with sand or other inert absorbent. Do NOT use products which are basic. To clean the floor and all objects contaminated by this material, use an appropriate solvent (cf.: § 9). Flush area with plenty of water.

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6.4 Reference to other sections: Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

7. Handling and Storage:

7.1 Precautions for safe handling Use mechanical ventilation in case of handling which causes formation of vapours. Do not mix with Incompatible materials. For further information, refer to section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

7.2 Conditions for safe storage, including any incompatibilities: Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store in tightly closed original container equipped with a degassing device. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.

Storage Class: No data available.

7.3 Specific end use(s): No data available.

8. Exposure controls / Personal protection:

8.1 Control Parameters:
 Occupational Exposure Limits: Quartz/cristobalite : When encapsulated in a polymer, is not expected to pose a health hazard when processed under normal conditions of use.

8.2 Exposure controls:
 Appropriate engineering controls: Avoid inhalation of vapours and spray mists.
 Individual protection measures, such as personal protective equipment:
 General information: No specific precautions.
 Eye/face protection: Safety Glasses.
 Skin protection: Material: Nitrile.
 Hand Protection: Material: Polyvinyl chloride (PVC).
 Material: Rubber or plastic.
 Other: It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.
 Respiratory Protection: No specific precautions.
 Hygiene measures: Provide eyewash station and safety shower.
 Environmental Controls: No data available.

9. Physical and chemical properties:

9.1 Information on basic physical and chemical properties

Physical state: Liquid
 Form: Viscous
 Colour: Green
 Odour: Odourless
 Odour threshold: No data available.
 pH-Value: Not applicable.
 Setting point: No data available.
 Boiling Point: No data available.
 Flash Point: > 200 °C (Closed cup according to method ASTM D-56.)
 Evaporation Rate: No data available.
 Flammability (solid, gas): No data available.
 Flammability Limit - Upper (%):—
 Flammability Limit - Lower (%):—
 Vapour pressure: < 0,1 hPa (20 °C)
 Vapour density (air=1): No data available.
 Relative density: Approximate 1,2 kg/dm3 (20 °C)
 Solubility(ies):
 Solubility in Water: Practically Insoluble
 Solubility (other): Diethylether: Miscible (in all proportions).
 Chlorinated solvents: Miscible (in all proportions).

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Product:	No effects expected (assessment based on ingredients).
Reproductive Toxicity:	
Product:	No effects expected (assessment based on ingredients).
Reproductive Toxicity (Fertility):	
Product:	No data available.
Developmental Toxicity (Teratogenicity):	
Product:	No data available.
Specific Target Organ Toxicity - Single Exposure:	
Product:	No effects expected (assessment based on ingredients).
Specific Target Organ Toxicity - Repeated Exposure:	
Product:	No effects expected (assessment based on ingredients).
Aspiration Hazard:	
Product:	No effects expected (assessment based on ingredients).

12. Ecological Information:

12.1 Toxicity:	
Acute toxicity:	
Fish:	
Product:	No effects expected (assessment based on ingredients).
Aquatic Invertebrates:	
Product:	No effects expected (assessment based on ingredients).
Chronic Toxicity:	
Fish:	
Product:	No effects expected (assessment based on ingredients).
Aquatic Invertebrates:	
Product:	No effects expected (assessment based on ingredients).
Toxicity to Aquatic Plants:	
Product:	No effects expected (assessment based on ingredients).
12.2 Persistence and Degradability:	
Biodegradation:	
Product:	Not applicable
BOD/COD Ratio:	
Product:	No data available.
12.3 Bioaccumulative Potential:	
Product:	No data available.
12.4 Mobility in Soil:	No data available.
12.5 Results of PBT and vPvB assessment:	None Reported
12.6 Other Adverse Effects:	None known.

13. Disposal Considerations:

13.1 Waste treatment methods	
General information:	The user's attention is drawn to the possible existence of local regulations regarding disposal.
Disposal methods:	
Disposal instructions:	Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste.
Contaminated Packaging:	Contaminated packages should be as empty as possible and equipped with a degassing device. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an

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authorised site.

14. Transport Information:

This material is not subject to transport regulations.
 Other information: No special precautions.
 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

15. Regulatory Information:

15. Safety, health and environmental regulations/legislation specific for the substance or mixture
 National Regulations:
 Water Hazard Class (WGK): WGK 1: slightly water-endangering.
 15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.
 Inventory Status
 Australia AICS: Not in compliance with the inventory.
 Canada DSL Inventory List: Not in compliance with the inventory.
 EINECS, ELINCS or NLP: On or in compliance with the inventory.
 Japan (ENCS) List: On or in compliance with the inventory.
 China Inv. Existing Chemical Substances: On or in compliance with the inventory.
 Korea Existing Chemicals Inv. (KECI): Not in compliance with the inventory.
 Philippines PICCS: On or in compliance with the inventory.
 US TSCA Inventory: On or in compliance with the inventory.
 New Zealand Inventory of Chemicals: On or in compliance with the inventory.
 Canada NDSL Inventory: Not in compliance with the inventory.
 Taiwan Chemical Substance Inventory: Not in compliance with the inventory.

16. Other Information:

Revision Information: Not relevant.
 References
 PBT: PBT: persistent, bioaccumulative and toxic substance.
 vPvB: vPvB: very persistent and very bioaccumulative substance.
 Key abbreviations or acronyms used: No data available.
 Key literature references and sources for data: No data available.
 Wording of H-statements in section 2 and 3: H372 Causes damage to organs through prolonged or repeated exposure.
 Training information: No data available.
 Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.