

## Safety data sheet according to UK REACH

Printing date 06.09.2024

Version number 1.04 (replaces version 1.03)

Revision: 06.09.2024

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

- **1.1 Product identifier**
  - **Trade name:** Silcotin HB silicone casting compound
  - **Article number:** 60406, 60407, 60408, 60409
  - **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
  - **Application of the substance / the mixture** Material for hobby and creative art
  - **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
CREARTEC trend-design-gmbh  
Lauenbühlstr. 59  
D-88161 LINDENBERG  
DEUTSCHLAND
  - **Further information obtainable from:**  
Product safety department  
info@creartec.info
  - **1.4 Emergency telephone number:**  
During opening hours: +49 8381 80740-0  
Mon -Thu from 08.30 to 16.30  
and Fri from 08.30 to 12.30
- Emergency calls: +49 151 44613864 (24h)

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** silicone elastomer

· **Dangerous components:**

CAS: 68909-20-6	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products withsilica	> 2.5 – < 10%
EINECS: 272-697-1	STOT RE 2, H373, EUH066	

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

# Safety data sheet

## according to UK REACH

Printing date 06.09.2024

Version number 1.04 (replaces version 1.03)

Revision: 06.09.2024

---

**Trade name: Silcotin HB silicone casting compound**


---

(Contd. of page 1)

- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.
- 

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
  - **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Formaldehyde  
Carbon monoxide (CO)  
silica  
Nitrogen oxides (NOx)
  - **5.3 Advice for firefighters**
  - **Protective equipment:** No special measures required.
- 

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
  - **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
  - **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- 

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
  - **Information about fire - and explosion protection:** No special measures required.
  - **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
  - **Requirements to be met by storerooms and receptacles:** No special requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:** None.
  - **Storage class:** 10
  - **7.3 Specific end use(s)** No further relevant information available.
- 

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Hand protection**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 3)

# Safety data sheet

## according to UK REACH

Printing date 06.09.2024

Version number 1.04 (replaces version 1.03)

Revision: 06.09.2024

---

**Trade name: Silcotin HB silicone casting compound**


---

(Contd. of page 2)

- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye/face protection** Goggles recommended during refilling
  - **Body protection:** Protective work clothing
- 

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

- |   |                                   |
|---|-----------------------------------|
| · <b>Physical state</b>   | Fluid                             |
| · <b>Colour:</b>  | Red                               |
| · <b>Odour:</b>   | Nearly odourless                  |
| · <b>Odour threshold:</b>   | Not determined.                   |
| · <b>Melting point/freezing point:</b>                            | Undetermined.                     |
| · <b>Boiling point or initial boiling point and boiling range</b> | Undetermined.                     |
| · <b>Flammability</b>   | Not applicable.                   |
| · <b>Lower and upper explosion limit</b>                          |                                   |
| · <b>Lower:</b>   | Not determined.                   |
| · <b>Upper:</b>   | Not determined.                   |
| · <b>Flash point:</b>   | > 113 °C                          |
| · <b>Auto-ignition temperature:</b>                               | ≥ 395 °C                          |
| · <b>Decomposition temperature:</b>                               | Not determined.                   |
| · <b>pH</b>   | Not determined.                   |
| · <b>pH (10% aqueous solution)</b>                                |                                   |
| · <b>Viscosity:</b>   |                                   |
| · <b>Kinematic viscosity</b>                                      | Not determined.                   |
| · <b>Viscosity (1%, solution)</b>                                 |                                   |
| · <b>Dynamic at 20 °C:</b>  | 25,000 mPas                       |
| · <b>Solubility</b>   |                                   |
| · <b>water:</b>   | Not miscible or difficult to mix. |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.                   |
| · <b>Vapour pressure:</b>   | Not determined.                   |
| · <b>Density and/or relative density</b>                          |                                   |
| · <b>Density at 20 °C:</b>  | 1.347 g/cm <sup>3</sup>           |
| · <b>Relative density</b>   | Not determined.                   |
| · <b>Vapour density</b>   | Not determined.                   |

#### · 9.2 Other information

- |  |   |
|--|---|
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Pasty   |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Ignition temperature:</b>   | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>   | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>  |   |
| · <b>Solids content:</b>   | 44.5 %  |
| · <b>Change in condition</b>   |   |
| · <b>Evaporation rate</b>  | Not determined.                               |
| · <b>Information with regard to physical hazard classes</b>                            |   |
| · <b>Explosives</b>  | Void  |
| · <b>Flammable gases</b>   | Void  |
| · <b>Aerosols</b>  | Void  |
| · <b>Oxidising gases</b>   | Void  |
| · <b>Gases under pressure</b>  | Void  |
| · <b>Flammable liquids</b>   | Void  |
| · <b>Flammable solids</b>  | Void  |
| · <b>Self-reactive substances and mixtures</b>   | Void  |
| · <b>Pyrophoric liquids</b>  | Void  |
| · <b>Pyrophoric solids</b>   | Void  |
| · <b>Self-heating substances and mixtures</b>  | Void  |
| · <b>Substances and mixtures, which emit flammable gases</b>                           |   |
| · <b>in contact with water</b>   | Void  |
| · <b>Oxidising liquids</b>   | Void  |
| · <b>Oxidising solids</b>  | Void  |
| · <b>Organic peroxides</b>   | Void  |

(Contd. on page 4)

# Safety data sheet

## according to UK REACH

Printing date 06.09.2024

Version number 1.04 (replaces version 1.03)

Revision: 06.09.2024

---

**Trade name: Silcotin HB silicone casting compound**


---

(Contd. of page 3)

- |                                  |      |
|----------------------------------|------|
| · <b>Corrosive to metals</b>     | Void |
| · <b>Desensitised explosives</b> | Void |
- 

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
  - **10.2 Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
  - **10.3 Possibility of hazardous reactions** No dangerous reactions known.
  - **10.4 Conditions to avoid** No further relevant information available.
  - **10.5 Incompatible materials:** No further relevant information available.
  - **10.6 Hazardous decomposition products:**  
Above 150°C:  
Small quantities of formaldehyde may be formed
- 

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· <b>Endocrine disrupting properties</b>
--

None of the ingredients is listed.
------------------------------------

---

### SECTION 12: Ecological information

- **12.1 Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
  - **12.2 Persistence and degradability** No further relevant information available.
  - **12.3 Bioaccumulative potential** No further relevant information available.
  - **12.4 Mobility in soil** No further relevant information available.
  - **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
  - **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
  - **12.7 Other adverse effects**
  - **Additional ecological information:**
  - **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**  
Small amounts can be mixed with the second component and disposed of with household waste after complete curing.  
Smaller quantities can be disposed of with household waste.
  - **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.
- 

— GB —  
(Contd. on page 5)

# Safety data sheet

## according to UK REACH

Printing date 06.09.2024

Version number 1.04 (replaces version 1.03)

Revision: 06.09.2024

Trade name: **Silcotin HB silicone casting compound**

(Contd. of page 4)

### SECTION 14: Transport information

- **14.1 UN number or ID number**  
· ADR, ADN, IMDG, IATA not regulated
- **14.2 UN proper shipping name**  
· ADR, ADN, IMDG, IATA not regulated
- **14.3 Transport hazard class(es)**  
· ADR, ADN, IMDG, IATA not regulated
- **Class** not regulated
- **14.4 Packing group**  
· ADR, IMDG, IATA not regulated
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **UN "Model Regulation":** not regulated

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

· <b>Regulated explosives precursors</b>
None of the ingredients is listed.

· <b>Regulated poisons</b>
None of the ingredients is listed.

· <b>Reportable explosives precursors</b>
None of the ingredients is listed.

· <b>Reportable poisons</b>
None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H373 May cause damage to organs through prolonged or repeated exposure.

EUH066 Repeated exposure may cause skin dryness or cracking.

- **Department issuing SDS:** Product safety department

- **Contact:** Dr. B. Gangnus

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

- **Sources**

Regulation (EC) No. 1272/2008 on the classification, labeling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (UK REACH), amended by 2015/830 / EU.

Transport of dangerous goods by road, rail or inland waterways (ADR / RID / ADN).

International Code for the Transport of Dangerous Goods by Sea Ships (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

- \* **Data compared to the previous version altered.**