

**Trade name:** SILICONE PROTECTANT

**Current version :** 3.0.2, issued: 08.11.2022

**Replaced version:** 3.0.1, issued: 29.04.2020

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**SILICONE PROTECTANT**

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

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

Gear protectant and lubricant.

**Uses advised against**

No data available.

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

**Address**

McNett Europe  
Saarstrasse 5  
29664 Walsrode

Telephone no. +49 (0)5161-41805-0

Fax no. +49 (0)5161-418-0511

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

### 2.2 Label elements

Not relevant

### 2.3 Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

**Hazardous ingredients**

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information**

Remove contaminated clothing immediately and dispose of safely. In case of persisting adverse effects, consult a physician.

**After inhalation**

Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

**After skin contact**

When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.

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#### **After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical assistance.

#### **After ingestion**

Call a doctor immediately. Rinse the mouth thoroughly with water. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Extinguishing measures to suit surroundings.

##### **Unsuitable extinguishing media**

No data available.

#### **5.2 Special hazards arising from the substance or mixture**

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO); Silicon oxide

#### **5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet.

### **SECTION 6: Accidental release measures**

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

##### **For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8.

##### **For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

#### **6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

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

Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). When collected, handle material as described under the section heading "Disposal considerations".

#### **6.4 Reference to other sections**

No data available.

### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

##### **Advice on safe handling**

Provide good ventilation at the work area (local exhaust ventilation, if necessary).

##### **General protective and hygiene measures**

Observe the usual precautions when handling chemicals. Do not eat, drink or smoke during work time. After worktime and during work intervals the affected skin areas must be thoroughly cleaned. Avoid contact with eyes and skin.

##### **Advice on protection against fire and explosion**

Pay attention to general rules of internal fire prevention. Keep away from ignition sources and provide for good ventilation.

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

##### **Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place.

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**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed.

**Incompatible products**

Do not store together with: oxidizing agents; Acids; Bases

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

No parameters available for monitoring.

**8.2 Exposure controls****Appropriate engineering controls**

No data available.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Eye / face protection**

Safety glasses with side protection shield (EN 166)

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

**Other**

Normal chemical work clothing.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****State of aggregation**

liquid

**Form**

liquid

**Colour**

white

**Odour**

sweetish

**pH value**

No data available

**Boiling point / boiling range**

|       |        |
|-------|--------|
| Value | 100 °C |
|-------|--------|

**Melting point/freezing point**

No data available

**Decomposition temperature**

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|  |           |
|--|-----------|
| No data available  |           |
| <b>Flash point</b>                                       |           |
| Value  | 316 °C    |
| <b>Ignition temperature</b>                              |           |
| No data available  |           |
| <b>Flammability</b>                                      |           |
| No data available  |           |
| <b>Lower explosion limit</b>                             |           |
| No data available  |           |
| <b>Upper explosion limit</b>                             |           |
| No data available  |           |
| <b>Vapour pressure</b>                                   |           |
| Value  | < 5 mm Hg |
| Reference temperature                                    | 25 °C     |
| <b>Relative vapour density</b>                           |           |
| No data available  |           |
| <b>Relative density</b>                                  |           |
| Value  | 0.981     |
| <b>Density</b>   |           |
| No data available  |           |
| <b>Solubility in water</b>                               |           |
| Comments   | soluble   |
| <b>Solubility</b>  |           |
| No data available  |           |
| <b>Partition coefficient n-octanol/water (log value)</b> |           |
| No data available  |           |
| <b>Kinematic viscosity</b>                               |           |
| No data available  |           |
| <b>Particle characteristics</b>                          |           |
| No data available  |           |

**9.2 Other information**

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

The product is stable.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

Heat

**10.5 Incompatible materials**

strong oxidizing agents; strong acids; Bases

**10.6 Hazardous decomposition products**

In case of fire: see section 5.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                            |
|----------------------------|
| <b>Acute oral toxicity</b> |
| No data available          |

|                              |
|------------------------------|
| <b>Acute dermal toxicity</b> |
| No data available            |

|                                    |
|------------------------------------|
| <b>Acute inhalational toxicity</b> |
| No data available                  |

|                                  |
|----------------------------------|
| <b>Skin corrosion/irritation</b> |
| No data available                |

|                                      |
|--------------------------------------|
| <b>Serious eye damage/irritation</b> |
| No data available                    |

|  |
|--|
| <b>Respiratory or skin sensitisation</b> |
| No data available                        |

|                               |
|-------------------------------|
| <b>Germ cell mutagenicity</b> |
| No data available             |

|                              |
|------------------------------|
| <b>Reproduction toxicity</b> |
| No data available            |

|                        |
|------------------------|
| <b>Carcinogenicity</b> |
| No data available      |

|                               |
|-------------------------------|
| <b>STOT - single exposure</b> |
| No data available             |

|                                 |
|---------------------------------|
| <b>STOT - repeated exposure</b> |
| No data available               |

|                          |
|--------------------------|
| <b>Aspiration hazard</b> |
| No data available        |

### 11.2 Information on other hazards

**Endocrine disrupting properties**

No data available.

**Other information**

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                 |
|---------------------------------|
| <b>Toxicity to fish (acute)</b> |
| No data available               |

|                                   |
|-----------------------------------|
| <b>Toxicity to fish (chronic)</b> |
| No data available                 |

|                                    |
|------------------------------------|
| <b>Toxicity to Daphnia (acute)</b> |
| No data available                  |

|                                      |
|--------------------------------------|
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |

|                                  |
|----------------------------------|
| <b>Toxicity to algae (acute)</b> |
| No data available                |

|                                    |
|------------------------------------|
| <b>Toxicity to algae (chronic)</b> |
| No data available                  |

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**Bacteria toxicity**

No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects****Other adverse effects**

Harmful to aquatic organisms.

**12.8 Other information****Other information**

Do not discharge into surface waters/groundwater.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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## EU regulations

### **Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

### **REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

### **Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.

### **Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

## **15.2 Chemical safety assessment**

No data available.

## **SECTION 16: Other information**

### **Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

### **Creation of the safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, 21107 Hamburg, Germany

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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