

Safety Data Sheets

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

Muppy cap II, transparent/elastic
Article no.: No. 93402_A

Revised on: 14.05.2024
Version: 5.0 Replaced version: 4.0



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

| | | |
|-------|--|--|
| 1.1 | Product identifier | Muppy cap II, transparent/elastic Article no.: 93402_A |
| 1.2 | Relevant identified uses of the substance or mixture and uses which are not recommended | |
| 1.2.1 | Relevant uses medical device: | Silikon Elastomer (A) |
| 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 | The product has not been classified as dangerous according to the legislation in force |
| 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 | Vinyl group-containing polydimethylsiloxane with platinum catalyst and inhibitors. |
| 3.1.1 | Dangerous ingredients | No hazardous ingredients. |

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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 that 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 with soap and water. Seek medical attention if symptoms occur. |
| | Ingestion: | Do NOT induce vomiting if swallowed. Administer a glass of water. Get medical help. |
| 4.2 | Most important symptoms and effects, both acute and delayed: | None known. |
| 4.3 | Indications for immediate medical help or special treatment | |
| | Dangers: | This product is not expected to be harmful under normal use and adequate personal hygiene. |
| | Treatment: | Do NOT induce vomiting if swallowed. Administer a glass of water. |

SECTION 5: Fire-fighting measures

| | | |
|-----|---|---|
| 5.1 | General fire hazards | Fire residues and contaminated extinguishing water must be disposed of in accordance with local official regulations. |
| | Extinguishing agent Suitable extinguishing media | Fire residues and contaminated extinguishing water must be disposed of in accordance with local official regulations. |
| | Unsuitable extinguishing media: | Avoid direct water jet; this will disperse and spread the fire |
| 5.2 | Special hazards arising from the substance or mixture: | In case of fire, formation of carbon monoxide and carbon dioxide possible.. |
| 5.3 | Advice for firefighters Advice for firefighters: | Keep away from sources of ignition - Do not smoke . |
| | 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. |

SECTION 6: Accidental release measures

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| | | |
|-----|---|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures: | Remove all sources of ignition. Wear personal protective equipment. |
| 6.2 | Environmental protection measures: | Do not allow the runoff to enter the sewer system, waterways or soil |
| 6.3 | Methods and material for retention and cleaning: | Wipe up spilled material and take to a safe place. Caution: Contaminated surfaces may be slippery. |
| 6.4 | Reference to other sections: | Caution: Contaminated surfaces may be slippery. Do not allow runoff to reach drains, sewers or bodies of water. For personal protective equipment see section 8 of SDS. |

Section 7: Handling and storage:

| | | |
|-----|---|---|
| 7.1 | Protective measures for safe handling: | The product may become electrostatically charged during decanting or decanting. Keep away from food, drink and animal feeding stuffs. Use only in well-ventilated areas. Keep container tightly closed. |
| | Notes on fire and explosion protection: | Keep away from sources of ignition - Do not smoke. Store in original container |
| 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. |
| | Storage stability: | The material is stable under normal conditions. |
| | Storage class: | Flammable liquids that cannot be assigned to any of the above LGKs |
| 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 | Occupational exposure limits do not apply to any of the ingredients |
| | Biological limit values | None(s). |
| 8.2 | Exposure controls Suitable engineering controls: | Eye showers and emergency showers must be available in the workplace. Provide adequate general and local exhaust ventilation system. |
| | Individual protective measures, for example personal protective equipment | |
| | General information: | Eye wash bottle with pure water. Do not eat, drink or smoke while working. Wash hands after handling |
| | Eye/face protection: | Safety goggles with side protection according to EN 166 |
| | Skin protection Hand protection: | Note: There is no risk of contact with chemicals. Use hand protection to avoid mechanical injuries. |
| | Other: | Wear suitable protective clothing and goggles/face protection when working. |

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| | |
|---|--|
| Respiratory protection: | Under ordinary conditions of use and with adequate ventilation, protective clothing is not normally required. |
| Hygiene measures: | Observe recognized industrial hygiene measures. Do not eat, drink or smoke while working. Maintain good personal hygiene. Thoroughly clean hands and contaminated work areas with soap and water before leaving the workplace. Avoid contact with skin and eyes. |
| Limitation and monitoring of environmental exposure: | There are no data available. |

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>liquid</td></tr><tr><td>Colour</td><td>Colorless</td></tr><tr><td>Smell</td><td>Odorless</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>> 300 °C</td></tr><tr><td>Flammability</td><td>There are no data available.</td></tr><tr><td>Lower explosion limit upper explosion limit</td><td>There are no data available. Es liegen keine Daten vor.</td></tr><tr><td>Flash point</td><td>> 100 °C</td></tr><tr><td>Ignition temperature</td><td>There are no data available.</td></tr><tr><td>Decomposition temperature</td><td>The material is stable under normal conditions.</td></tr><tr><td>pH value</td><td>Not applicable</td></tr><tr><td>Kinematic viscosity</td><td>Not applicable</td></tr><tr><td>Solubility</td><td>Insoluble in water Soluble in toluene</td></tr><tr><td>Partition coefficient n-octanol/water (log value)</td><td>There are no data available.</td></tr><tr><td>Vapour pressure</td><td>< 5 hPa (20 °C) (EG A4) < 15 hPa (50 °C) (EG A4)</td></tr><tr><td>Density and/or specific gravity</td><td>1,13 g/cm³ (20 °C)</td></tr><tr><td>Relative vapour density</td><td>There are no data available.</td></tr><tr><td>Particle properties</td><td>There are no data available.</td></tr></tbody></table> | Parameter | Value | State of aggregation | liquid | Colour | Colorless | Smell | Odorless | Melting point/freezing point | There are no data available. | Boiling point or initial boiling point and boiling range | > 300 °C | Flammability | There are no data available. | Lower explosion limit upper explosion limit | There are no data available. Es liegen keine Daten vor. | Flash point | > 100 °C | Ignition temperature | There are no data available. | Decomposition temperature | The material is stable under normal conditions. | pH value | Not applicable | Kinematic viscosity | Not applicable | Solubility | Insoluble in water Soluble in toluene | Partition coefficient n-octanol/water (log value) | There are no data available. | Vapour pressure | < 5 hPa (20 °C) (EG A4) < 15 hPa (50 °C) (EG A4) | Density and/or specific gravity | 1,13 g/cm ³ (20 °C) | Relative vapour density | There are no data available. | Particle properties | There are no data available. |
| Parameter | Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State of aggregation | liquid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colour | Colorless | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Smell | Odorless | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Melting point/freezing point | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boiling point or initial boiling point and boiling range | > 300 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flammability | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lower explosion limit upper explosion limit | There are no data available. Es liegen keine Daten vor. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flash point | > 100 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ignition temperature | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Decomposition temperature | The material is stable under normal conditions. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH value | Not applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kinematic viscosity | Not applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solubility | Insoluble in water Soluble in toluene | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Partition coefficient n-octanol/water (log value) | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vapour pressure | < 5 hPa (20 °C) (EG A4) < 15 hPa (50 °C) (EG A4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Density and/or specific gravity | 1,13 g/cm ³ (20 °C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relative vapour density | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Particle properties | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.2. | Other information There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SECTION 10: Stability and reactivity

| | | |
|-------------|---------------------------|--|
| 10.1 | Reactivity | There are no data available. |
| 10.2 | Chemical stability | The material is stable under normal conditions |

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| | | |
|------|---|--|
| 10.3 | Possibility of hazardous reactions | Dangerous polymerization does not take place. |
| 10.4 | Conditions to avoid | Keep away from heat, sparks and open flame. |
| 10.5 | Incompatible materials | None known. |
| 10.6 | Decomposition products | Carbon oxides Silicon oxides. Measurements at temperatures above 150 °C in the presence of air (oxygen) have shown that formaldehyde is formed in small quantities by oxidative degradation. |

SECTION 11: Toxicological data

| | | |
|--------|---|---|
| 11.1 | Information on hazard classes within the meaning of Regulation (EC) No 1272/2008 | |
| | acute toxicity | Our experience shows that our Silopren elastomer products can be handled without any health hazards if they are handled properly and in accordance with normal working hygiene. |
| | Corrosive/irritant effect on the skin | There are no data available |
| | Serious eye damage/irritation | There are no data available |
| | Sensitisation of the respiratory tract/skin | There are no data available |
| | Germ cell mutagenicity | There are no data available |
| | Carcinogenicity | There are no data available |
| | Reproductive toxicity | There are no data available |
| | Specific target organ toxicity at single exposure | There are no data available |
| | Specific target organ toxicity in case of repeated exposure | There are no data available |
| | Aspiration hazard | There are no data available |
| 11.2 | Information on other hazards | There are no data available |
| 11.2.1 | Endocrine disrupting properties | There are no data available |
| 11.2.2 | Other information | There are no data available |

SECTION 12. Environmental information

| | | |
|------|---|-----------------------------|
| 12.1 | Toxicity | There are no data available |
| 12.2 | Persistence and degradability | There are no data available |
| 12.3 | Bioaccumulative potential | There are no data available |
| 12.4 | Mobility in soil | There are no data available |
| 12.5 | Results of the PBT and vPvB assessment | There are no data available |

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| | | |
|------|--|-----------------------------|
| 12.6 | Endocrine disrupting properties | There are no data available |
| 12.7 | Other adverse effects | There are no data available |

SECTION 13: Disposal instructions

| | | |
|------|--------------------------------|--|
| 13.1 | Waste treatment process | |
| | General information | Waste generation should be avoided or minimized whenever possible. See Section 8 for information regarding appropriate personal protective equipment. Do not allow to enter drains, waterways or soil. |
| | Disposal methods | Can be incinerated as long as this complies with local regulations. |

SECTION 14: Transport information

| | | |
|------|--|---------------------|
| 14.1 | ADR | Not dangerous goods |
| 14.2 | ADN | Not dangerous goods |
| 14.3 | RID | Not dangerous goods |
| 14.4 | IMDG | Not dangerous goods |
| 14.5 | IATA | Not dangerous goods |
| 14.6 | Special precautions for the user: | Not dangerous goods |
| 14.7 | Carriage in bulk in accordance with Annex II of the MARPOL Convention and the IBC Code: | Not applicable |

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: | none |
| | Regulation (EU) 2019/1021 on persistent organic pollutants (new edition), as amended: | none |
| | Regulation (EC) No 649/2012 on the export and import of dangerous chemicals: | none |
| | Regulation (EC) No 1907/2006, REACH Annex XIV List of substances subject to authorisation, as amended: | none |
| | EU. REACH Candidate List of Substances of Very High Concern (SVHC) for authorisation: | none |

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| | | |
|-------------|--|---|
| | Regulation (EC) No 1907/2006 Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles : | none |
| | Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work...: | none |
| | 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: | none |
| | Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances: | none |
| | REGULATION (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register, ANNEX II: Pollutants | none |
| | Directive 98/24/EU on the protection of workers from the risks related to chemical agents at work: | none |
| | National regulations | |
| | Water hazard class | Ordinance on Installations for Handling Substances Hazardous to Water (AwSV). WGK 1: slightly hazardous to water. Classification according to AwSV, Annex 1 (5.2) |
| | 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. |

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

| | | |
|-------|--|--|
| 1.1 | Product identifier | Muppy cap II, transparent/elastic Article no.: 93402_B |
| 1.2 | Relevant identified uses of the substance or mixture and uses which are not recommended | |
| 1.2.1 | Relevant uses medical device: | Silikon Elastomer (B) |
| 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 | The product has not been classified as hazardous according to the legislation in force. |
| 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 | Vinyl group-containing polydimethylsiloxane with fillers, crosslinker and inhibitor. |
| 3.1.1 | Dangerous ingredients | No hazardous ingredients. |

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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 | Use water mist, alcohol-resistant foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames. |
| | 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: | Keep away from sources of ignition - Do not smoke. |
| | Special protective equipment for fire fighting: | Fire personnel must wear standard protective equipment, including flame retardant coats, helmets with face shields, gloves, rubber boots, and self-contained breathing apparatus in confined spaces. |

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SECTION 6: Accidental release measures

| | | |
|-----|---|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures: | Remove all sources of ignition. Wear personal protective equipment. |
| 6.2 | Environmental protection measures: | Do not allow runoff to enter drains, waterways or soil. |
| 6.3 | Methods and material for retention and cleaning: | Absorb with vermiculite, dry sand or soil and place in containers. Thoroughly clean surfaces to remove residual contamination. Caution: Contaminated surfaces may be slippery. |
| 6.4 | Reference to other sections: | Do not allow runoff to reach drains, sewers or bodies of water. Caution: Contaminated surfaces may be slippery. |

Section 7: Handling and storage:

| | | |
|-----|---|---|
| 7.1 | Protective measures for safe handling: | Pack this product in unbreakable containers (no glass containers!) to avoid contact with the substances mentioned in chapter 10. Keep away from food, beverages and animal feed. Use only in well-ventilated areas. Do not eat, drink or smoke while working. |
| | Notes on fire and explosion protection: | Keep container tightly closed. Store in the original container. Keep away from heat and open flame. |
| 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: | (TRGS 510): 12 |
| 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 | Occupational exposure limits do not apply to any of the ingredients. |
| | Biological limit values | None(s). |
| 8.2 | Exposure controls Suitable engineering controls: | No special requirements under normal conditions of use and with adequate ventilation. Eye wash bottle with pure water. |
| | Individual protective measures, for example personal protective equipment | |
| | General information: | Eye wash bottle with pure water. Do not eat, drink or smoke when handling the product. Wash hands after handling. Avoid contact with skin and eyes. |
| | Eye/face protection: | Safety goggles with side protection according to EN 167 |

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| | |
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| Skin protection | Note: There is no risk of contact with chemicals. Use hand protection to avoid mechanical injuries. |
| Hand protection: | |
| Other: | Before handling this product, personal protective equipment should be selected based on the task to be performed and the risks involved, and approved by a specialist. |
| Respiratory protection: | Under ordinary conditions of use and with adequate ventilation, protective clothing is not normally required. |
| Hygiene measures: | Avoid contact with skin and eyes. Observe recognized industrial hygiene measures. Do not eat, drink or smoke while working. Wash hands after handling. |
| Limitation and monitoring of environmental exposure: | There are no data available. |

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>liquid/ paste</td></tr><tr><td>Colour</td><td>colorless</td></tr><tr><td>Smell</td><td>Weak</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>> 300 °C</td></tr><tr><td>Flammability</td><td>here are no data available.</td></tr><tr><td>Lower explosion limit upper explosion limit</td><td>here are no data available.</td></tr><tr><td>Flash point</td><td>> 100 °C</td></tr><tr><td>Ignition temperature</td><td>Minimum ignition temperature: 435 °C</td></tr><tr><td>Decomposition temperature</td><td>The material is stable under normal conditions.</td></tr><tr><td>pH value</td><td>Not applicable</td></tr><tr><td>Kinematic viscosity</td><td>< 4.200 mm²/s (20 °C)</td></tr><tr><td>Solubility</td><td>ubility (other): Soluble in toluene</td></tr><tr><td>Partition coefficient n-octanol/water (log value)</td><td>here are no data available.</td></tr><tr><td>Vapour pressure</td><td>1< 5 hPa (20 °C) (EG A4) < 15 hPa (50 °C) (EG A4)</td></tr><tr><td>Density and/or specific gravity</td><td>1,13 g/cm³ (20 °C) (DIN 51757)</td></tr><tr><td>Relative vapour density</td><td>here are no data available.</td></tr><tr><td>Particle properties</td><td>here are no data available.</td></tr></tbody></table> | Parameter | Value | State of aggregation | liquid/ paste | Colour | colorless | Smell | Weak | Melting point/freezing point | There are no data available. | Boiling point or initial boiling point and boiling range | > 300 °C | Flammability | here are no data available. | Lower explosion limit upper explosion limit | here are no data available. | Flash point | > 100 °C | Ignition temperature | Minimum ignition temperature: 435 °C | Decomposition temperature | The material is stable under normal conditions. | pH value | Not applicable | Kinematic viscosity | < 4.200 mm ² /s (20 °C) | Solubility | ubility (other): Soluble in toluene | Partition coefficient n-octanol/water (log value) | here are no data available. | Vapour pressure | 1< 5 hPa (20 °C) (EG A4) < 15 hPa (50 °C) (EG A4) | Density and/or specific gravity | 1,13 g/cm ³ (20 °C) (DIN 51757) | Relative vapour density | here are no data available. | Particle properties | here are no data available. |
| Parameter | Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State of aggregation | liquid/ paste | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colour | colorless | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Smell | Weak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Melting point/freezing point | There are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boiling point or initial boiling point and boiling range | > 300 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flammability | here are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lower explosion limit upper explosion limit | here are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flash point | > 100 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ignition temperature | Minimum ignition temperature: 435 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Decomposition temperature | The material is stable under normal conditions. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH value | Not applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kinematic viscosity | < 4.200 mm ² /s (20 °C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Solubility | ubility (other): Soluble in toluene | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Partition coefficient n-octanol/water (log value) | here are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vapour pressure | 1< 5 hPa (20 °C) (EG A4) < 15 hPa (50 °C) (EG A4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Density and/or specific gravity | 1,13 g/cm ³ (20 °C) (DIN 51757) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relative vapour density | here are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Particle properties | here are no data available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Safety Data Sheets

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

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9.2. Other information
Auto-ignition temperature:
No data available.

SECTION 10: Stability and reactivity

| 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 | Dangerous polymerization does not take place. |
| 10.4 | Conditions to avoid | Product generates a flammable gas in contact with acids, bases or oxidizing substances. Protect from heat. Keep away from moisture. |
| 10.5 | Incompatible materials | Hydrogen evolution with acids, alkalis, alcohols, powdered metals or metal oxides. |
| 10.6 | Decomposition products | Carbon oxides Silicon oxides. Measurements at temperatures above 150 °C in the presence of air (oxygen) have shown that small amounts of formaldehyde are formed by oxidative degradation. |

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SECTION 11: Toxicological data

| | | |
|--------|---|---|
| 11.1 | Information on hazard classes within the meaning of Regulation (EC) No 1272/2008 | |
| | acute toxicity | Our experience shows that our Silopren elastomer products can be handled without any health hazards if they are handled properly and in accordance with the usual working hygiene. |
| | Corrosive/irritant effect on the skin | ATEmix (estimated acute toxicity of the mixture): 115,384.62 mg/kg |
| | Serious eye damage/irritation | here are no data available. |
| | 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 | The substance/mixture does not contain any components that are subject to REACH Article 57(f) or the Delegated Regulation (EU) 2017/2100 of the Commission or Commission Delegated Regulation (EU) 2018/605. Commission in quantities of 0.1% or more have endocrine disrupting Properties..; |
| 11.2.2 | Other information | here are no data available. |

SECTION 12. Environmental information

| | | |
|------|-----------------|-----------------------------|
| 12.1 | Toxicity | "There areFish |
| | | Product: No data available. |
| | | Aquatic invertebrates |
| | | Product: No data available. |
| | | Chronic toxicity |
| | | Fish |
| | | Product: No data available. |
| | | Aquatic invertebrates |

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| | | |
|------|---|--|
| | | Product: No data available. Toxicity to aquatic plants Product: No data available. 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 | The substance/mixture does not contain any components that are subject to REACH Article 57(f) or the Delegated Regulation (EU) 2017/2100 of the Commission or Commission Delegated Regulation (EU) 2018/605. Commission in quantities of 0.1% or more have endocrine disrupting Properties.; |
| 12.7 | Other adverse effects | Ecotoxicological data on the product are not available. |

SECTION 13: Disposal instructions

| | | |
|------|--------------------------------|--|
| 13.1 | Waste treatment process | |
| | General information | Waste generation should be avoided or minimized whenever possible. See Section 8 for information regarding appropriate personal protective equipment. Do not allow to enter drains, waterways or soil. |
| | Disposal methods | Can be incinerated as long as it complies with local regulations. |

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SECTION 14: Transport information

| | | |
|------|---|---|
| 14.1 | ADR | Not dangerous goods |
| 14.2 | ADN | Not dangerous goods |
| 14.3 | RID | Not dangerous goods |
| 14.4 | IMDG | Keep separate from food and beverages. This product is not a dangerous good according to the currently valid national and international dangerous good regulations. |
| 14.5 | IATA | Not dangerous goods |
| 14.6 | Special precautions for the user: | Not dangerous goods |
| 14.7 | Carriage in bulk in accordance with Annex II of the MARPOL Convention and the IBC Code: | Not applicable |

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: | none |
| | Regulation (EU) 2019/1021 on persistent organic pollutants (new edition), as amended: | none |
| | Regulation (EC) No 649/2012 on the export and import of dangerous chemicals: | none |
| | Regulation (EC) No 1907/2006, REACH Annex XIV List of substances subject to authorisation, as amended: | none |
| | EU. REACH Candidate List of Substances of Very High Concern (SVHC) for authorisation: | none |
| | Regulation (EC) No 1907/2006 Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles : | none |
| | Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work...: | none |
| | 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: | none |
| | Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances: | none |
| | REGULATION (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register, ANNEX II: Pollutants | none |
| | Directive 98/24/EU on the protection of workers from the risks related to chemical agents at work: | none |
| National regulations | | |

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| | | |
|-------------|---|---|
| | Water hazard class | Ordinance on Installations for Handling Substances Hazardous to Water (AwSV). WGK 1: slightly hazardous to water. Classification according to AwSV, Annex 1 (5.2) |
| | Reference to Technical Rules for Hazardous Substances (TRGS) | Technical Instructions on Air Quality Control (TA-Luft): Octamethylcyclotetrasiloxane Number 5.2.5 Class II, Organic substances |
| | 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. |