

According to 1907/2006/EG, Article 31

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**SilaPoly****SECTION 1: Identification of the substance/mixture and of the company/ undertaking****1.1 Product identifier**

Commercial product name: SilaPoly  
Utilization of the substance of the formulation: Polyol for Polyurethanes

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

No further relevant information available.

**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: 0 53 21 / 37 79 – 0  
Fax: 0 53 21 / 38 96 32  
E-mail / Website: [info@siladent.de](mailto:info@siladent.de) / [www.siladent.de](http://www.siladent.de)  
Further information obtainable from: SILADENT Dr. Böhme & Schöps GmbH

**1.4 Emergency telephone number**

SILADENT Dr. Böhme &amp; Schöps GmbH: +49 (0) 53 21 / 37 79 - 0 (Mon-Fri. 8 a.m. – 4 p.m.)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008:**

GHS09

Aquatic Chronic 2

H411

Toxic to aquatic life with long lasting effects.



GHS07

Eye Irrit. 2.

H319

Causes serious eye irritation

**2.2 Label elements:****Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**

GHS07



GHS09

**Signal word:**

Warning

**Hazard statements:**

H319

Causes serious eye irritation.

H411

Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P264

Wash thoroughly after handling.

P273

Avoid release to the environment.

P280

Wear eye protection / face protection.

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P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P501

Dispose of contents/container in accordance with  
local/regional/national/  
international regulations

**Other hazards:****Results of PBT and vPvB assessment:**

PBT: Not applicable.

vPvB: Not applicable.








**SECTION 3: Composition/information on ingredients****Chemical characterisation:**

Mixtures

**Description:**

Mixture of substances listed below with non-hazardous  
additions.

**Dangerous components:**

|   |  |          |
|---|--|----------|
| CAS: 102-60-3<br>EINECS: 203-041-4      | 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol<br> Eye Irrit. 2, H319  | 25-50%   |
| CAS: 25322-69-4                         | Polypropylenglykol<br> Acute Tox. 4, H302   | 10-25%   |
| CAS: 38640-62-9<br>EINECS: 254-052-6    | alkylated aromatic hydrocarbon<br> Asp. Tox. 1, H304;  Aquatic Chronic 1, H410 | ≥10-<25% |
| EC number: 918-973-3                    | Hydrocarbons, C13-C16, isoalkanes, cycloalkanes,<br><2% aromatics<br> Asp. Tox. 1, H304   | 1-2.5%   |
| CAS: 64742-47-8<br>EC number: 921-050-8 | Distillates (petroleum), hydrotreated light<br> Asp. Tox. 1, H304   | 1-2.5%   |
| EC number: 920-107-4                    | Hydrocarbons, C12-C15, n-alkanes, isoalkanes,<br>Cyclenes, < 2% Aromatics<br> Asp. Tox. 1, H304   | 1-2.5%   |

**Additional information:**

For the wording of the listed risk phrases refer to section 16

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.  
In case of unconsciousness place patient stably in side  
position for transportation.

**After skin contact:**

Immediately wash with water and soap and rinse  
thoroughly.  
If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water.  
Then consult a doctor.

**After swallowing:**

Do not induce vomiting; call for medical help immediately. If swallowed, rinse mouth with water (only if the person is conscious). A person vomiting while laying on their back should be turned onto their side. Seek immediate medical advice.

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

No further relevant information available.

**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:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:**

Water with full jet

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

In case of fire, the following can be released:  
Carbon monoxide (CO), carbon dioxide

**5.3 Advice for firefighters****Protective equipment:**

Wear fully protective suit.  
Wear self-contained respiratory protective device.

**Additional information**

Cool endangered receptacles with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. Ensure adequate ventilation

**6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into watercourse or sewage system.

**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**

Inform personnel of the affiliated with the product hazards and risks: Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Open and handle receptacle with care.

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|  |   |
|--|---|
|  | Ensure good ventilation/exhaustion at the workplace.<br>Prevent formation of aerosols.  |
| <b>Information about fire - and explosion protection:</b>                | Protect from heat.<br>Keep ignition sources away - Do not smoke.<br>Protect against electrostatic charges.                    |
| <b>7.2 Conditions for safe storage, including any incompatibilities:</b> |   |
| <b>Storage:</b>  |   |
| <b>Requirements to be met by storerooms and receptacles:</b>             | Keep container tightly closed and dry and storage in a good ventilated room.  |
| <b>Storage temperature:</b>  | 20 - 25 °C.   |
| <b>Information about storage in one common storage facility:</b>         | Store away from reducing agents.<br>Do not store together with oxidising and acidic materials.<br>Store away from foodstuffs. |
| <b>Further information about storage conditions:</b>                     | Protect from humidity and water.<br>Store in dry conditions.<br>Protect from frost.<br>This product is hygroscopic.           |
| <b>Storage class:</b>  | 10  |
| <b>7.3 Denomination of Origin:</b>                                       | Made in Germany   |
| <b>Processing information:</b>   | Homogenize content before use   |
| <b>General remark:</b>   | For processing instructions see data sheet  |

**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.

| <b>DNELs</b>  |                                   |  |
|---|-----------------------------------|--|
| <b>102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol</b> |                                   |  |
| Oral  | DNEL Long-term - systemic effects | 2.5 mg/kg (General population)             |
| Dermal  | DNEL Long-term - systemic effects | 2.5 mg/kg (General population)             |
| Inhalative  | DNEL Long-term - systemic effects | 4.2 mg/kg (workers)                        |
|   |                                   | 8.7 mg/m <sup>3</sup> (General population) |
|   |                                   | 29.4 mg/m <sup>3</sup> (workers)           |
| <b>38640-62-9 alkylated aromatic hydrocarbon</b>                |                                   |  |
| Oral  | DNEL Long-term                    | 2.1 mg/kg bw/day (General population)      |
| Dermal  | DNEL Long-term                    | 2.1 mg/kg bw/day (General population)      |
| Inhalative  | DNEL Long-term                    | 4.3 mg/kg bw/day (workers)                 |
|   |                                   | 7.4 mg/m <sup>3</sup> (General population) |
|   |                                   | 30 mg/m <sup>3</sup> (workers)             |
| <b>PNECs</b>  |                                   |  |
| <b>102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol</b> |                                   |  |

|  |   |   |
|--|---|---|
|  | PNEC STP<br>PNEC sediment<br><br>PNEC soil<br>PNEC                  | 70 mg/L (sewage plant)<br>0.0193 mg/kg (marine water)<br>0.193 mg/kg (freshwater- sediment)<br>0.0183 mg/kg (soil ( Boden))<br>0.085 mg/l (freshwater)<br>0.0085 mg/l (marine water)<br>1.51 mg/l (intermittent releases) |
| <b>38640-62-9 alkylated aromatic hydrocarbon</b> |   |   |
| Oral   | PNEC<br>PNEC STP<br>PNEC aqua<br><br>PNEC sediment<br><br>PNEC soil | 25 mg/kg (food)<br>0.15 mg/L (sewage plant)<br>0.236 ug/L (freshwater)<br>0.0236 ug/L (marine water)<br>0.853 mg/kg (freshwater)<br>0.085 mg/kg (marine water)<br>0.19 mg/kg (soil ( Boden))                              |

- Additional information:** The lists valid during the making were used as basis
- 8.2 Exposure controls**
- Appropriate engineering controls:** No further data; see item 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 necessary if room is well-ventilated.

**Hand protection:** Preventive skin protection (3-point program) required  
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't be calculated in advance and has therefore to be checked prior to the application.

**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.  
Suitable materials for protective gloves, EN 374-3:  
Polychloroprene - CR: thickness >= 0.5 mm, breakthrough time >= 480 min.  
NBR - NBR: thickness >= 0,35mm, Breakthrough time >= 480 min.  
Butyl rubber - IIR: thickness >= 0.5 mm, breakthrough time >= 480 min.  
Fluorine rubber - FKM: thickness >= 0.4 mm; breakthrough time >= 480 min.  
Recommendation: Dispose of contaminated gloves.

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|                  |                                      |
|------------------|--------------------------------------|
| Eye 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****Appearance:**

|   |                        |
|---|------------------------|
| Colour:   | Whitish                |
| Odour   | Characteristic         |
| Odour threshold:  | Not determined.        |
| Melting point/freezing point:                             | Undetermined.          |
| Boiling point or initial boiling point and boiling range: | 238 °C                 |
| Flammability:   | Not applicable.        |
| Lower and upper explosion limit:                          |                        |
| Lower:  | Not determined.        |
| Upper:  | Not determined.        |
| Flash point:  | 105 °C                 |
| Auto-ignition temperature:                                | 290 °C                 |
| Decomposition temperature:                                | Not determined.        |
| pH:   | Not determined.        |
| Viscosity:  |                        |
| Kinematic viscosity                                       | Not determined.        |
| Dynamic at 20 °C:   | 100 mPas               |
| Solubility  |                        |
| water:  | Insoluble.             |
| Partition coefficient n-octanol/water (log value):        | Not determined.        |
| Vapour pressure:  | Not determined.        |
| Density and/or relative density:                          |                        |
| Density at 20 °C:   | 1.02 g/cm <sup>3</sup> |
| Relative density:   | Not determined.        |
| Vapour density:   | Not determined.        |

**9.2 Other information****Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Ignition temperature:** Product is not selfigniting.**Explosive properties:** Product does not present an explosion hazard.**Solvent content:****Organic solvents:** 10.1 %**VOC (EC):** 44.1 g/l**Change in condition****Evaporation rate:** Not determined.**Information with regard to physical hazard classes****Explosives** Void**Aerosols** Void**Oxidising gases:** Void**Gases under pressure:** Void**Flammable liquids:** Void**Flammable solids:** Void**Self-reactive substances and mixtures:** Void**Pyrophoric liquids:** Void

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|  |      |
|--|------|
| Pyrophoric solids:   | Void |
| Self-heating substances and mixtures:                                      | Void |
| Substances and mixtures, which emit flammable gases in contact with water: | Void |
| Oxidising liquids:   | Void |
| Oxidising solids:  | Void |
| Organic peroxides:   | Void |
| Corrosive to metals:   | Void |
| Desensitised explosives:   | Void |

**SECTION 10: Stability and reactivity**

|   |  |
|---|--|
| <b>10.1 Reactivity:</b>   | No further relevant information available.   |
| <b>10.2 Chemical stability:</b><br><b>Thermal decomposition / conditions to be avoided:</b> | No decomposition if used according to specifications.  |
| <b>10.3 Possibility of hazardous reactions:</b>   | Reacts with reducing agents. Reacts with oxidising agents.<br>Reacts with inorganic acid chlorides.<br>No dangerous reactions known. |
| <b>10.4 Conditions to avoid:</b>  | No further relevant information available.   |
| <b>10.5 Incompatible materials:</b>   | Incompatible with oxidizing agents, acids  |
| <b>10.6 Hazardous decomposition products:</b>   | If handled accordingly no products of decomposition.   |

**SECTION 11: Toxicological information**

|  |   |
|--|---|
| <b>11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008</b><br><b>Acute toxicity:</b> | Based on available data, the classification criteria are not met. |
|--|---|

| LD/LC50 values relevant for classification                               |          |  |
|--|----------|--|
| 102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol                 |          |  |
| Oral   | LD50     | >2,000-<5,000 mg/kg (rat) (OECD 401 Acute Oral Toxicity) |
| Dermal   | LD50     | >2,000 mg/kg (rat) (OECD 402 Acute Dermal Toxicity)      |
| 25322-69-4 Polypropylenglykol  |          |  |
| Oral   | LD50     | 2,000 mg/kg (rat)  |
| Dermal   | LD50     | >10,000 mg/kg (rabbit)                                   |
| 38640-62-9 alkylated aromatic hydrocarbon                                |          |  |
| Oral   | LD50     | >4,000 mg/kg (rat) (OECD 401 Acute Oral Toxicity)        |
|  | NOAEL    | ~170 mg/kg (rat)   |
| Dermal   | LD50     | >4,000 mg/kg (rat) (OECD 402 Acute Dermal Toxicity)      |
| Inhalative   | LC50/4 h | >5.6 mg/l (rat) (OECD 403 Acute Inhalation Toxicity)     |
| Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, <2% Aromaten        |          |  |
| Oral   | LD50     | 5,000 mg/kg (rat) (OECD 401 Acute Oral Toxicity)         |
| Dermal   | LD50     | 2,000 mg/kg (rabbit) (OECD 402 Acute Dermal Toxicity)    |
| Inhalative   | LC50/4 h | 5 mg/l (rat) (OECD 403 Acute Inhalation Toxicity)        |
| 64742-47-8 Distillates (petroleum), hydrotreated light                   |          |  |
| Oral   | LD50     | >5,000 mg/kg (rat)                                       |
| Dermal   | LD50     | >2,000 mg/kg (rat)                                       |
| Kohlenwasserstoffe, C12-C15, n-Alkane, Isoalkane, Cyclene, < 2% Aromaten |          |  |
| Oral   | LD50     | >5,000 mg/kg (rat) (OECD 401 Acute Oral Toxicity)        |
| Dermal   | LD50     | >5,000 mg/kg (rabbit)                                    |
| Inhalative   | LC50/4 h | >4,951 mg/l (rat) (OECD 403 Acute Inhalation Toxicity)   |



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|---|--|
| <b>Skin corrosion/irritation</b>          | Slightly irritating (OECD method 404), does not require labelling. |
| <b>Serious eye damage/irritation</b>      | Slightly irritant, labelling not required (analogy conclusion).    |
| <b>Respiratory or skin sensitization:</b> | Based on available data, the classification criteria are not met.  |
| <b>Germ cell mutagenicity:</b>            | Based on available data, the classification criteria are not met.  |
| <b>Carcinogenicity:</b>                   | Based on available data, the classification criteria are not met.  |
| <b>Reproductive toxicity:</b>             | Based on available data, the classification criteria are not met.  |
| <b>STOT-single exposure:</b>              | Based on available data, the classification criteria are not met.  |
| <b>STOT-repeated exposure:</b>            | Based on available data, the classification criteria are not met.  |
| <b>Aspiration hazard:</b>                 | Based on available data, the classification criteria are not met.  |

**11.2 Information on other hazards**

**Endocrine disrupting properties:** None of the ingredients is listed.

**SECTION 12: Ecological information****12.1 Toxicity**

|   |  |
|---|--|
| <b>Aquatic toxicity:</b>  |  |
| <b>102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol</b>             |  |
| LC50 (96 h)   | >100 mg/l (Leuciscus)  |
| EC50 (48 h)   | >100 mg/l (Daphnia Magna)  |
| EC50 (72 h)   | >100 mg/l (Desmodesmus subspicatus)  |
| EC20 (0,5h)   | >1,000 mg/l (activated sludge)   |
| <b>25322-69-4 Polypropylenglykol</b>  |  |
| LC50 (96 h)   | >100 mg/l (Oncorhynchus mykiss)  |
| EC50 (48 h)   | >100 mg/l (Daphnia Magna)  |
| ErC50 (72h)   | >100 mg/l (Scenedesmus subspicatus)  |
| <b>38640-62-9 alkylated aromatic hydrocarbon</b>                            |  |
| LC0(96h)  | 0.5 mg/l (fish)  |
| EC0 (48h)   | 0.16 mg/l (D)  |
| LL50 (48h)  | 1.7 mg/L (D)   |
| EC0 (72h)   | 0.15 mg/l (A)  |
| NOEC / 21d  | 0.013 mg/l (D) (OECD 202 Daphnia sp. Acute Immobilisation Test)              |
| <b>Kohlenwasserstoffe, C13-C16, Isoalkane, Cycloalkane, &lt;2% Aromaten</b> |  |
| EL50 (72h)  | >1,000 mg/l (A) (OECD 201 Alga, Growth Inhibition Test)                      |
| EL50 (48h)  | >1,000 mg/l (Daphnia Magna) (OECD 202 Daphnia sp. Acute Immobilisation Test) |
| LL50(96h)   | >1,000 mg/l (F) (OECD 203 Fish, Acute Toxicity Test)                         |

**12.2 Persistence and degradability**

No further relevant information available

**Other information:**

Elimination by adsorption onto activated sludge.



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- 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:**

Dispose in accordance with applicable international, national and local laws, ordinances and statutes. For disposal within the EC, the appropriate waste code according to the European Waste Catalogue (EWC) should be used.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

20 01 27\*

paint, inks, adhesives and resins containing dangerous substances

**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

**SECTION 14: Transport information****14.1 UN-Number****ADR, IMDG, IATA:**

UN3082

**14.2 UN proper shipping name****ADR:**

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkylated aromatic hydrocarbon, Naphtha (petroleum), hydrodesulfurized heavy)

**IMDG:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkylated aromatic hydrocarbon, Naphtha (petroleum), hydrodesulfurized heavy) , MARINE POLLUTANT

**IATA:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkylated aromatic hydrocarbon, Naphtha (petroleum), hydrodesulfurized heavy)

**14.3 Transport hazard class(es)****ADR**

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**Class:**  
**Label:**

9 (M6) Miscellaneous dangerous substances and articles.  
9

**IMDG**

**Class:**  
**Label:**

9 Miscellaneous dangerous substances and articles.  
9

**14.4 Packing group**  
**ADR, IMDG, IATA:**

III

**14.5 Environmental hazards:**  
**Marine pollutant:**  
**Special marking (ADR):**  
**Special marking (IATA):**

Symbol (fish and tree)  
Symbol (fish and tree)  
Symbol (fish and tree)

**14.6 Special precautions for user:**

**Hazard identification number (Kemler code):**  
**EMS Number:**  
**Stowage Category**

Warning: Miscellaneous dangerous substances and articles.  
90  
F-A,S-F  
A

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

Not applicable.

**Transport/Additional information:**  
**ADR**

**Limited quantities (LQ):**  
**Excepted quantities (EQ):**

5L  
Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml  
3  
(-)

**Transport category:**  
**Tunnel restriction code:**  
**IMDG**

**Limited quantities (LQ):**  
**Excepted quantities (EQ):**

5L  
Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**UN "Model Regulation":**

UN 3082 ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S. (ALKYLATED  
AROMATIC HYDROCARBON, NAPHTHA (PETROLEUM),  
HYDRODESULFURIZED HEAVY), 9, III

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

**Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

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**SilaPoly****Hazard pictograms**

GHS07



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**Signal word:**

Warning

**Hazard statements:**

H319

Causes serious eye irritation.

H411

Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P264

Wash thoroughly after handling.

P273

Avoid release to the environment.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P501

Dispose of contents/container in accordance with local/regional/national/ international regulations.

**Directive 2012/18/EU:****Named dangerous substances - ANNEX I:**

None of the ingredients is listed.

**Seveso category E2:**

Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t****Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t****REGULATION (EC) No 1907/2006 ANNEX XVII:**

Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II:**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)):**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS:**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors:**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:**

None of the ingredients is listed.

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**SilaPoly****National regulations:****Technical instructions (air):**

| Class | Share in % |
|-------|------------|
| NK    | 1-2.5      |

**Water hazard class:**

Water hazard class 1 (VwVwS 17.05.99): slightly hazardous for water

**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**

|      |   |
|------|---|
| H302 | Harmful if swallowed                                  |
| H304 | May be fatal if swallowed and enters airways.         |
| H319 | Causes serious eye irritation.                        |
| H410 | Very toxic to aquatic life with long lasting effects. |

The information in this safety data sheet corresponds to the best of our knowledge at the time of the revision. The information should give you clues for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, cannot be transferred to the new material produced in this way.

UFI code is valid in:

Germany  
Spain  
Romania  
France  
Austria  
Hungary  
Czech Republic  
Italy  
Greece  
Lithuania

**Date of previous version:**

29.11.2021

**Version number of previous version:**

27

**Abbreviations and acronyms:**

|         |  |
|---------|--|
| RID:    | Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) |
| ICAO:   | International Civil Aviation Organisation  |
| ADR:    | Accord européen sur le transport 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  |

According to 1907/2006/EG, Article 31

Revision: 06.04.2023

Version number 28 (replaces version 27)

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Printing date: 08.05.2023

**SilaPoly**

|                    |  |
|--------------------|--|
| ELINCS:            | European List of Notified Chemical Substances                                |
| CAS:               | Chemical Abstracts Service (division of the American Chemical Society)       |
| VOC:               | Volatile Organic Compounds (USA, EU)   |
| DNEL:              | Derived No-Effect Level (REACH)  |
| PNEC:              | Predicted No-Effect Concentration (REACH)                                    |
| LC50:              | Lethal concentration, 50 percent   |
| LD50:              | Lethal dose, 50 percent  |
| PBT:               | Persistent, Bioaccumulative and Toxic  |
| vPvB:              | very Persistent and very Bioaccumulative                                     |
| Acute Tox. 4:      | Acute toxicity, Hazard Category 4  |
| Eye Irrit. 2:      | Serious eye damage/eye irritation, Hazard Category 2                         |
| Asp. Tox. 1:       | Aspiration hazard, Hazard Category 1   |
| Aquatic Chronic 1: | Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 |
| Aquatic Chronic 2: | Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 |

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