

Safety Data Sheet
Version number 1

Printing date 18/12/2025

Reviewed on 18/12/2025

1 Identification**' Product identifier****' Trade name:** SILISIL Paste 4**' Application of the substance / the mixture**

Industrial

Lubricant

-

' Details of the supplier of the safety data sheet**' Manufacturer/Supplier:**

SILITECH AG

Worbstrasse 173, CH-3073 Gümligen, Switzerland

Phone: +41 (0) 31 398 50 70

Email: info@silitech.ch

' Emergency telephone number: Tox Info Suisse Tel 145**' Additional Info** See section 16 for your Emergency Number**2 Hazard(s) identification****' Classification of the substance or mixture**

The substance is not classified, according to the Globally Harmonized System (GHS).

' Label elements**' GHS label elements** Void**' Hazard pictograms** Void**' Signal word** Void**' Hazard statements** Void**' Classification system:****' NFPA ratings (scale 0 - 4)****' HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

' Other hazards**' Results of PBT and vPvB assessment****' PBT:** Not applicable.**' vPvB:** Not applicable.

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3 Composition/information on ingredients**' Chemical characterization: Substances****' CAS No. Description**

Mixture of polydimethylsiloxane + silica

4 First-aid measures**' 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.**' 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. If symptoms persist, consult a doctor.

' After swallowing:

Wash mounth with water

Do not induce vomiting

If symptoms persist consult doctor.

' Information for doctor:**' Most important symptoms and effects, both acute and delayed** No further relevant information available.**' Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures**' Extinguishing media****' Suitable extinguishing agents:**CO₂

Foam

Water spray

Fire-extinguishing powder

' Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)

CO₂**' Advice for firefighters****' Protective equipment:** Wear self-contained respiratory protective device.**' Additional information** Cool endangered receptacles with water spray.

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6 Accidental release measures**' Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.
Particular danger of slipping on leaked/spilled product.

' Environmental precautions: Do not allow to enter sewers/ surface or ground water.

' Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

' 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.

' Protective Action Criteria for Chemicals**' PAC-1:**

Substance is not listed.

' PAC-2:

Substance is not listed.

' PAC-3:

Substance is not listed.

7 Handling and storage**' Handling:****' Precautions for safe handling**

Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.

' Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect from heat.

' 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: Store away from flammable substances.

' Further information about storage conditions:

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.

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' Specific end use(s)

See §1.2

No further relevant information available.

8 Exposure controls/personal protection**' Additional information about design of technical systems:** No further data; see item 7.**' Control parameters****' Components with limit values that require monitoring at the workplace:** Not required.**' Additional information:** The lists that were valid during the creation were used as basis.**' Exposure controls****' Personal protective equipment:****' General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

Special rooms for washing, showering and changing are required.

' Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.**' Protection of hands:**

Protective gloves

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

EN374

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.

' 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 protection:

EN 166

Tightly sealed goggles

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' Body protection: Protective work clothing

9 Physical and chemical properties

' Information on basic physical and chemical properties

' General Information

' Appearance:

Form: Pasty
Color: Colorless

' Odor: Odorless

' Odor threshold: Not determined.

' pH-value: Not determined.

' Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

' Flash point: 225 °C (437 °F)

' Flammability (solid, gaseous): Not applicable.

' Auto-ignition temperature: >400 °C (>752 °F)

' Decomposition temperature: Not determined.

' Auto igniting: Not determined.

' Danger of explosion: Product does not present an explosion hazard.

' Explosion limits:

Lower: Not determined.
Upper: Not determined.

' Vapor pressure at 20 °C (68 °F): <0.1 hPa (<0.1 mm Hg)

' Density at 20 °C (68 °F): 1.01 g/cm³ (8.42845 lbs/gal)

' Relative density Not determined.

' Vapor density Not determined.

' Evaporation rate Not determined.

' Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

' oxidizing properties Not determined.

' Partition coefficient (n-octanol/water): Not determined.

' Viscosity:

Dynamic: Not determined.

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Kinematic:	Not determined.
Solids content:	8.0 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity

Not determined.

No further relevant information available.

Chemical stability Stable

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Possibility of hazardous reactions Reacts with strong oxidizing agents.

Conditions to avoid No further relevant information available.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Poisonous gases/vapors

Additional information: None.

11 Toxicological information

Information on toxicological effects
Acute toxicity:
LD/LC50 values that are relevant for classification:

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

Primary irritant effect:

on the skin: No irritant effect.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification.

Carcinogenic categories
IARC (International Agency for Research on Cancer)

Substance is not listed.

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' NTP (National Toxicology Program)

Substance is not listed.

' OSHA-Ca (Occupational Safety & Health Administration)

Substance is not listed.

12 Ecological information

' Toxicity
' Aquatic toxicity:

EC 50 (72 h)	40 mg/l (algae)
NOEC	6-13 mg/l (daphnia magna) (21d)
EC 50 (96 h)	79.7 mg/l (Pimephales promelas)
EC 50 (48 h)	133 mg/l (daphnia magna)

' Persistence and degradability No further relevant information available.

' Behavior in environmental systems:
' Bioaccumulative potential Does not accumulate in organisms

' Mobility in soil No further relevant information available.

' Additional ecological information:
' General notes: Water hazard class 1 (Self-assessment); slightly hazardous for water

' Results of PBT and vPvB assessment
' PBT: Not applicable.

' vPvB: Not applicable.

' Other adverse effects No further relevant information available.

13 Disposal considerations

' Waste treatment methods
' Recommendation:

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

' Uncleaned packagings:
' Recommendation: Disposal must be made according to official regulations.

14 Transport information

' UN-Number
' DOT, ADR, IMDG, IATA Void

' UN proper shipping name
' DOT, ADR, IMDG, IATA Void

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' Transport hazard class(es)	
' DOT, ADR, ADN, IMDG, IATA	
' Class	Void
' Packing group	
' DOT, ADR, IMDG, IATA	Void
' Environmental hazards:	Not applicable.
' Special precautions for user	Not applicable.
' Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
' UN "Model Regulation":	Void

15 Regulatory information

' **Safety, health and environmental regulations/legislation specific for the substance or mixture**

' **Sara**

' **Section 355 (extremely hazardous substances):**

Substance is not listed.

' **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

' **TSCA (Toxic Substances Control Act):**

Substance is not listed.

' **Hazardous Air Pollutants**

Substance is not listed.

' **Proposition 65**

' **Chemicals known to cause cancer:**

Substance is not listed.

' **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

' **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

' **Chemicals known to cause developmental toxicity:**

Substance is not listed.

' **Cancerogenity categories**

' **EPA (Environmental Protection Agency)**

Substance is not listed.

' **TLV (Threshold Limit Value)**

Substance is not listed.

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'MAK (German Maximum Workplace Concentration)

Substance is not listed.

'NIOSH-Ca (National Institute for Occupational Safety and Health)

Substance is not listed.

'GHS label elements GHS label elements

'Hazard pictograms Void

'Signal word Void

'Hazard statements Void

'National regulations:
'Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

'Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application."

'Emergency Numbers

European Emergency Number: 112

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BELGIUM/LUXEMBOURG +32 70 245 245

BULGARIA +359 2 9154 409

CZECH REPUBLIC +42 2 2491 9293 or +42 2 2491 5402

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SPAIN +34 937 192 561 (08:00-13:00 y 15:00-17:00 / viernes 08:00-15:00)

SWEDEN +46 8 33 12 31

UNITED KINGDOM 0870 243 2241 or +44 (0)20 7771 5310

US/CANADA +1 800-424-9300

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**DOT: US Department of Transportation**IATA: International Air Transport Association**CAS: Chemical Abstracts Service (division of the American Chemical Society)**NFPA: National Fire Protection Association (USA)**HMIS: Hazardous Materials Identification System (USA)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**NIOSH: National Institute for Occupational Safety**OSHA: Occupational Safety & Health**TLV: Threshold Limit Value**PEL: Permissible Exposure Limit**REL: Recommended Exposure Limit**** Data compared to the previous version altered.**