

SILISIL Paste MR7

Safety Data Sheet

SILITECH AG encourages you to read and understand the entire Safety Data Sheet (SDS), as this document contains important information. We ask that you follow the precautions indicated in this document, unless your conditions of use require other appropriate methods or actions.

1. IDENTIFICATION

Product Name

SILISIL Paste MR7

Relevant uses identified for the substance or mixture

Silicone Oil

Uses not recommended

None known

Company identification

SILITECH AG
Worbstrasse 173
3073 Gümligen
Switzerland

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info@silitech.ch

Emergency phone number

Tox Info Suisse (24/7): +41 44 251 51 51 or 145 (Switzerland and Liechtenstein).

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Not classified according to Regulation (EC) No 1272/2008 (CLP).

Labeling elements

Labelling according to Regulation (EC) No 1272/2008	None
Danger pictograms	None
Warning notice	None
Hazard statements	None

Other dangers

PBT	Not applicable
vPvB	Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation

Mixtures

4. FIRST AID MEASURES

Description of first aid measures

General Information

Remove any clothing contaminated by the product immediately.

Inhalation

Provide fresh air, consult a doctor if you experience any problems.

Skin contact

Wash immediately with soap and water and rinse thoroughly. If skin irritation persists, consult a doctor.

Visual contact

Rinse your eyes under running water for several minutes, keeping your eyelids wide open. If the problem persists, consult a doctor.

Ingestion

Rinse your mouth with water. Do not induce vomiting. If symptoms persist, consult a doctor.

Burns

Not applicable.

Most important symptoms and effects, both acute and delayed

Gastric or intestinal disorders, nausea

Indication of any immediate medical attention and any special treatment needed

Treat the symptoms.

Information for doctors

Bring this safety data sheet or the label from this product.

5. FIRE FIGHTING MEASURES

Fire extinguishing agent

Suitable extinguishing media: CO₂, foam, water spray, extinguishing powder.

Specific risks associated with the substance or mixture

No further relevant information available.

Advice for firefighters

Special safety equipment: Wear a self-contained breathing apparatus independent of ambient air.

Other instructions: Cool the containers at risk by spraying them with water. Dispose of fire debris and contaminated firefighting water in accordance with official regulations

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Personal precautions, protective equipment and emergency procedures

Wear safety equipment. Keep unprotected individuals away. Ensure adequate ventilation. Use respiratory protective device against the effects of fumes/dust/aerosol. Keep away from ignition sources

Environmental precautions

Do not dispose of in drains, surface water, or groundwater. Do not allow to penetrate the ground/soil.

Containment and cleaning methods and materials

Collect the liquids using an absorbent material (sand, diatomaceous earth, acid neutralizer, universal binder, sawdust). Send for recovery or disposal in suitable receptacles. Dispose of the material collected according to regulations

7. HANDLING AND STORAGE

Precautions for safe handling

Keep containers tightly closed. Ensure good ventilation/extraction in the work area. Keep away from sources of ignition – no smoking. Keep away from heat.

Safe storage conditions, including any potential incompatibilities

Open containers must be carefully resealed and kept in an upright position to prevent leaks.

Requirements for storage facilities and containers

Store only in the original receptacle.

Instructions regarding shared storage

Do not store with flammable materials. Store away from food.

Other information on storage conditions

Keep containers tightly closed. Store in a cool, dry place in tightly sealed drums. Protect from intense heat and direct sunlight. Store containers in a well-ventilated area.

Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

Components with threshold values to be monitored per workstation

None.

Additional notes

This document is based on the lists in force at the time of its preparation.

Exposure controls

Apply general control measures to avoid unnecessary exposure.

Appropriate technical controls

No further information provided.

General protection and hygiene measures

Observe standard safety precautions when handling chemicals. Do not eat, drink, smoke, or sniffle at work. Wash your hands before breaks and at the end of your shift. Separate restrooms, showers, and changing rooms are required.

Respiratory protection

Use respiratory protection if ventilation is insufficient. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device

Hand protection



Protective gloves

The glove material must be impermeable and resistant to the product/substance/preparation. Due to a lack of testing, no recommendation for a specific glove material for the product/preparation/chemical mixture can be given. The glove material should be selected based on penetration time, permeability rate, and degradation.

Glove material

EN374

Choosing the right gloves depends not only on the material, but also on other quality criteria that can vary from one manufacturer to another.

Glove material penetration time

The exact penetration time is to be determined by the manufacturer of the protective gloves and must be respected.

Eye/Face Protection

EN 166



Airtight protective goggles

Body protection

Protective workwear

9. PHYSICAL AND CHEMICAL PROPERTIES

Color	White
Smell	Odorless
Olfactory threshold	Not determined
Melting/freezing point (°C)	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability (°C)	Not applicable
Lower/upper explosive limit (% v/v)	Not determined
Flash point (°C)	>300 °C (DIN 51376)
Auto-ignition temperature (°C)	>400 °C (DIN 51794)
Decomposition temperature (°C)	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Water solubility	Insoluble
Oxidizing properties	Not determined
n-octanol/water coefficient (LogKow)	Not determined
Vapor pressure (20 °C)	Not determined
Density (20 °C)	0,98 g/cm ³
Relative density	Not determined
Vapor density	Not determined

Other information

Form	Paste
Auto-ignition temperature	The product is not self-igniting.
Explosive properties	The product is not explosive
Solids content	0.0%
Evaporation rate	Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not determined. No other significant information available.

Chemical stability

Stable

Thermal decomposition/conditions to avoid

No decomposition occurs when stored and handled correctly. To avoid thermal decomposition do not overheat

Potential for dangerous reactions

Forms flammable gases/fumes.

Conditions to avoid

Extremely high temperatures.

Incompatible materials

No further relevant information available.

Hazardous decomposition products

Flammable gases/vapors

Additional information

None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Based on the available data for the mixture, the classification criteria are not met.

LD/LC50 values that determine classification

Oral	LD50	5,000 mg/kg (rat)
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Skin corrosion/irritation

Based on the available data for the mixture, the classification criteria are not met.

Serious eye injuries/irritations

Based on the available data for the mixture, the classification criteria are not met.

Respiratory awareness

Based on the available data for the mixture, the classification criteria are not met.

Skin sensitization

Based on the available data for the mixture, the classification criteria are not met.

Germ cell mutagenicity

Based on the available data for the mixture, the classification criteria are not met.

Carcinogenicity

Based on the available data for the mixture, the classification criteria are not met.

Reproductive toxicity

Based on the available data for the mixture, the classification criteria are not met.

Unique exposure to STOTs

Based on the available data for the mixture, the classification criteria are not met.

Repeated exposure to STOTs

Based on the available data for the mixture, the classification criteria are not met.

Danger by aspiration

Based on the available data for the mixture, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Aquatic toxicity

No further relevant information available.

Persistence and degradability

No other significant information is available.

Bioaccumulation potential

No further relevant information available.

Mobility in soil

No further relevant information available.

General notes

Not known to be hazardous to water.

vPvB assessment

PBT

Not applicable.

vPvB

Not applicable.

Other side effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation

Must not be disposed of with household waste. Do not allow to enter the sewers.

Uncleaned packaging, recommendation

Evacuation in accordance with legal requirements.

14. TRANSPORT INFORMATION

	UN/ID	UN Appropriate Shipping Name	Hazard classes	PG*	Environment**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packaging group

** Environmental risks

Special precautions for the user

Not applicable.

Bulk maritime transport according to IMO instruments

No data available.

15. REGULATORY INFORMATION

Specific regulations/legislation relating to the substance or mixture concerning safety, health and the environment

Labelling according to Regulation (EC) No 1272/2008

GHS labeling elements

Directive 2012/18/EU

Designated Hazardous Substances - Annex I

The substance is not included.

Regulated explosive precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Chemical safety assessment

A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

Acronyms and abbreviations

ADR = Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG = International Maritime Code for Dangerous Goods
IATA = International Air Transport Association
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
CAS = Chemical Abstracts Service (division of the American Chemical Society)
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
VOC = Volatile Organic Compounds (USA, EU)
LC50 = Lethal concentration, 50 percent
LD50 = Lethal dose, 50 percent
PBT = Persistent, Bioaccumulative and Toxic
vPvB = very Persistent and very Bioaccumulative

The safety data sheet is validated by

The safety data sheet has not been validated.

Other

A change (proportional to the last essential change (first encryption in the SDS version, see section 1)) is marked with a triangle.

The information contained in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended that this safety data sheet be given to the end user of the product.

The information contained in this safety data sheet cannot be used as a product specification.

Country-Language: CH-en
