

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	KORASILON Paste niedrigviskos		
Article number :	8000001-99		
Revision date :	28.08.2018	Version (Revision) :	2.1.0 (2.0.0)
Print date :	28.08.2018		

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

1.1 Product identifier

KORASILON Paste niedrigviskos (8000001-99)

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

Relevant identified uses

Surface treatment, assembling aid, release agent, Damperfluid

Uses advised against

No information available.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Kurt Obermeier GmbH & Co. KG
Spezialchemikalien Holzschutz

Street : Berghäuser Str. 70

Postal code/city : 57319 Bad Berleburg

Telephone : +492751/524-0

Telefax : +492751/5041

Information contact : E-Mail: sdb@obermeier.de

1.4 Emergency telephone number

+49 2751/524-113 (Mo-Fr 08:00-16:00 / 8.00am-4.00pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

Classification procedure

Calculation method.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Dodecamethylcyclhexasiloxane ; REACH registration No. : 01-2119517435-42 ; EC No. : 208-762-8; CAS No. : 540-97-6

Weight fraction : $\geq 0,1 - < 0,5 \%$

Classification 1272/2008 [CLP] : None

Further ingredients

Polydimethylsiloxane

This mixture contains the following substances of very high concern (SVHC) which are included in the

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	KORASILON Paste niedrigviskos		
Article number :	8000001-99		
Revision date :	28.08.2018	Version (Revision) :	2.1.0 (2.0.0)
Print date :	28.08.2018		

Candidate List according to Article 59 of REACH

Dodecamethylcyclhexasiloxane ; REACH registration No. : 01-2119517435-42 ; EC No. : 208-762-8; CAS No. : 540-97-6

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Provide fresh air.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.

Self-protection of the first aider

No special measures are necessary.

Information to physician

Treatment

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂) alcohol resistant foam Water spray jet Extinguishing powder Sand

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

In case of fire toxic gases may be formed.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

None

SECTION 6: Accidental release measures

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	KORASILON Paste niedrigviskos		
Article number :	8000001-99		
Revision date :	28.08.2018	Version (Revision) :	2.1.0 (2.0.0)
Print date :	28.08.2018		

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

For cleaning up

Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4 Reference to other sections

None

6.5 Additional information

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Protective measures

Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray.

Measures to prevent fire

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

Protect containers against damage.

Maximum storage temperature : 50°C

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values

No data available

DNEL/DMEL and PNEC values

DNEL/DMEL

No data available

PNEC

No data available

8.2 Exposure controls

Personal protection equipment

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : KORASILON Paste niedrigviskos
Article number : 8000001-99
Revision date : 28.08.2018
Print date : 28.08.2018
Version (Revision) : 2.1.0 (2.0.0)

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. DIN EN 374

Suitable material : Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 minutes. Check leak tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection

Usually no personal respirative protection necessary. Respiratory protection necessary at: aerosol or mist formation.

Suitable respiratory protection apparatus

Filtering Half-face mask (DIN EN 149) FFP1

General health and safety measures

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs.

8.3 Additional information

No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Paste

Colour : Different according to colour

Odour

light

Safety relevant basis data

Solidifying point :	(1 bar / 1 Pa)	not determined	Brookfield
Melting point/melting range :		not determined	
Freezing point :		not determined	
Initial boiling point and boiling range :		not applicable	
Decomposition temperature :		not determined	
Ignition temperature :		not determined	
Flash point :	>	250 °C	ISO 2592
Lower explosion limit :		not determined	
Upper explosion limit :		not determined	
Vapour pressure :	(50 °C)	not determined	
Density :	(25 °C)	approx. 0,97 g/cm ³	
Solvent separation test :	(20 °C)	not determined	
Fat solubility :	(20 °C)	Not determined.	
Solubility in water		Insoluble	
pH :	(20 °C)	not applicable	
log P O/W :		not determined	
Viscosity :	(20 °C)	not determined	
Odour threshold :		not determined	
Relative vapour density :	(20 °C)	not determined	
Evaporation rate :		not determined	
Vapourisation rate :		not determined	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : KORASILON Paste niedrigviskos
Article number : 8000001-99
Revision date : 28.08.2018
Print date : 28.08.2018

Version (Revision) : 2.1.0 (2.0.0)

Flammable solids : Not determined.
Flammable gases : Not determined.
Oxidising liquids : Not determined.
Explosive properties : Not determined.
Corrosive to metals : Not determined.

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

10.7 Additional information

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter : LD50 (Polydimethylsiloxane)
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg
Parameter : LD50 (Dodecamethylcyclhexasiloxane ; CAS No. : 540-97-6)
Exposure route : Oral
Species : Rat
Effective dose : > 2000 mg/kg

The product has not been tested.

Acute dermal toxicity

Parameter : LD50 (Polydimethylsiloxane)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg
Parameter : LD50 (Dodecamethylcyclhexasiloxane ; CAS No. : 540-97-6)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg

The product has not been tested.

Acute inhalation toxicity

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : KORASILON Paste niedrigviskos
Article number : 8000001-99
Revision date : 28.08.2018
Print date : 28.08.2018

Version (Revision) : 2.1.0 (2.0.0)

The product has not been tested.

Specific symptoms in animal studies

The product has not been tested.

Irritant and corrosive effects

Primary irritation to the skin

The product has not been tested.

Irritation to eyes

The product has not been tested.

Irritation to respiratory tract

The product has not been tested.

Sensitisation

In case of skin contact

The product has not been tested.

In case of inhalation

The product has not been tested.

Repeated dose toxicity (subacute, subchronic, chronic)

The product has not been tested.

Subacute oral toxicity

Parameter : NOAEL(C) (Polydimethylsiloxane)

Exposure route : Oral

Species : Rat

Effective dose : ≥ 1000 mg/kg

Parameter : NOAEL(C) (Dodecamethylcyclohexasiloxane ; CAS No. : 540-97-6)

Exposure route : Oral

Species : Rat

Effective dose : 1000 mg/kg

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

The product has not been tested.

Germ cell mutagenicity

The product has not been tested.

Reproductive toxicity

The product has not been tested.

STOT-single exposure

The product has not been tested.

STOT-repeated exposure

The product has not been tested.

Aspiration hazard

The product has not been tested.

11.2 Toxicokinetics, metabolism and distribution

The product has not been tested.

11.4 Other adverse effects

No data available

11.5 Additional information

No data available

SECTION 12: Ecological information

12.1 Toxicity

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	KORASILON Paste niedrigviskos		
Article number :	8000001-99		
Revision date :	28.08.2018	Version (Revision) :	2.1.0 (2.0.0)
Print date :	28.08.2018		

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC0 (Polydimethylsiloxane)
Species : Leuciscus idus (golden orfe)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 200 mg/l
Exposure time : 96 h

The product has not been tested.

Chronic (long-term) fish toxicity

Parameter : NOEC (Polydimethylsiloxane)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : > 10000 mg/kg
Exposure time : 28 d

The product has not been tested.

Acute (short-term) daphnia toxicity

Parameter : EC0 (Polydimethylsiloxane)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : > 0,0001 mg/l
Exposure time : 48 h

The product has not been tested.

Chronic (long-term) daphnia toxicity

The product has not been tested.

Acute (short-term) algae toxicity

Parameter : IC50 (Polydimethylsiloxane)
Species : Skeletonema costatum
Effective dose : > 100000 mg/l
Exposure time : 72 h

The product has not been tested.

Chronic (long-term) algae toxicity

The product has not been tested.

Bacteria toxicity

The product has not been tested.

Terrestrial toxicity

The product has not been tested.

Toxicity to terrestrial plants

The product has not been tested.

Effects in sewage plants

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

12.2 Persistence and degradability

Abiotic degradation

The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

Biodegradation

Not readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

The product has not been tested.

12.4 Mobility in soil

The product has not been tested.

12.5 Results of PBT and vPvB assessment

Remarks: Dodecamethylcyclhexasiloxan (D6) meets the criteria for vPvB. However, D6 does not behave similarly to

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	KORASILON Paste niedrigviskos		
Article number :	8000001-99		
Revision date :	28.08.2018	Version (Revision) :	2.1.0 (2.0.0)
Print date :	28.08.2018		

known PBT/vPvB substances. The weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs.

12.6 Other adverse effects

No data available

12.7 Additional ecotoxicological information

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Consult the appropriate local waste disposal expert about waste disposal.

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Appropriate disposal / Package

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Technische Anleitung Luft (TA-Luft)

Sum organic substances class III : 85 - 100 %

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

Additional information

Substance/product listed in the following inventories

TSCA REACH DSL/NDSL ENCS (Class 1 and 2) AICS KECI IECSC PICCS TCSI

15.2 Chemical safety assessment

No information available.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	KORASILON Paste niedrigviskos		
Article number :	8000001-99		
Revision date :	28.08.2018	Version (Revision) :	2.1.0 (2.0.0)
Print date :	28.08.2018		

SECTION 16: Other information

16.1 Indication of changes

02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

REACH - Registration, Evaluation, Authorisation of Chemicals
GHS - Globally Harmonised System of Classification and Labeling
CLP - Classification, Labeling and Packaging of Substances and Mixtures
CAS - Chemical Abstract Service
TWA - Time Weighted Average
DNEL/DMEL - Derived No Effect Level
PNEC - Predicted No Effect Concentration
STP - Sewage Treatment Plant
TRGS - Technical Rules for Hazardous Substances (German Regulations)
STEL - Short-term Exposure Limit
TLV - threshold limit value
AGW - Occupational threshold limit value
RCP - Reciprocal Calculation Procedure
ATE - Acute Toxicity Estimate
MAK - Threshold limit values Germany
LD50 - Lethal Dose, 50%
LC50 - Lethal concentration, 50%
OECD - Organization for Economic Cooperation and Development
NOAEL - No Observed Adverse Effect Level
EC50 - half maximal effective concentration
NOEC - No Observed Effect Concentration
PBT - Persistent, Bioaccumulative, Toxic
vPvB - very Persistent, very Bioaccumulative
ADR/RID - European Agreement concerning the International Carriage of Dangerous Goods by Road (Accord européen relatif au transport international des marchandises Dangereuses par Route)/Regulations Concerning the International Transport of Dangerous Goods by Rail (Règlement concernant le transport International ferroviaire de marchandises Dangereuses)
IMDG - International Maritime Dangerous Goods Code
ICAO - International Civil Aviation Association
IATA - International Air Transport Association
VwVwv - German administrative regulation on the classification of substances hazardous to water into water hazard classes

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : KORASILON Paste niedrigviskos
Article number : 8000001-99
Revision date : 28.08.2018
Print date : 28.08.2018

Version (Revision) : 2.1.0 (2.0.0)

valid for the new made-up material.
