

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

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Relevant identified uses:** Blocking out material
Uses advised against: Other**1.3. Details of the supplier of the safety data sheet****Manufacturer**ERKODENT Erich Kopp GmbH
Siemensstrasse 3
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D 72285 Pfalzgrafenweiler**Telephone** +49 7445 8501 0
Telefax +49 7445 8501-15**Supplier**ERKODENT Erich Kopp GmbH
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D 72285 Pfalzgrafenweiler**Telephone** +49 7445 8501 0
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ERKODENT Erich Kopp GmbH

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Website www.erkodent.com**1.4. Emergency telephone number**ERKODENT Erich Kopp GmbH
Only available during office hours.**Telephone** +49 7445 8501 0**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008:

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

2.2. Label elements**Classification according to Regulation (EC) No 1272/2008 [CLP]****Hazard pictograms****Signal word:****Hazard statements:****Precautionary statements:**

Special labelling of particular preparations:
none

2.3. Other hazards

On basis of test data. This substance is classified as not hazardous according to 67/548/EEC.

SECTION 3: Composition / information on ingredients

3.1. Substances

Mixtures

3.2. Mixtures

Filler

Composition/information on ingredients

Substance:	CAS-No.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):	M, ATE, Note
Dodecamethylcyclohexasiloxane	540-97-6		0,1-1	Aquatic Chronic 4, H413; Eye Irrit. 2, H319	
Polydimethylsiloxan	63148-62-9			-	M = 0

(Full text of H- and EUH-statements: see section 16.)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: No special measures are necessary.
In case of inhalation: not applicable
Following skin contact: not applicable
After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water.
After ingestion: Rinse mouth thoroughly with water.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂). Sand. Extinguishing powder. Water fog. Alcohol resistant foam.
Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide. Sulphur dioxide (SO₂). Hydrogen chloride (HCl).

5.3. Advice for firefighters

General information

Co-ordinate fire-fighting measures to the fire surroundings.

Special protective equipment for fire-fighters:

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Allow stiffening. Take up mechanically.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

When using do not eat, drink or smoke.

Precautions against fire and explosion:

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 container tightly closed in a cool place.

Hints on joint storage

Do not store together with: Food and fodder Oxidizing agent

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

occupational exposure limit value

Substance:	CAS-No.:		Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

Substance with a common (EC) occupational exposure limit value.

Substance:	CAS-No.:		Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

DNEL-/PNEC-values

DNEL value

Substance:	CAS-No.:	DNEL/DMEL
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PNEC Value

Substance:	CAS-No.:	PNEC
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Additional information

none

8.2. Exposure controls

Occupational exposure controls:

none

General protection and hygiene measures:

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Take off immediately all contaminated clothing.

Personal protection equipment

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection

none

Hand protection

Tested protective gloves are to be worn: EN ISO 374 Suitable material: Butyl caoutchouc (butyl rubber). FKM (fluoro rubber). NBR (Nitrile rubber). CR (polychloroprene, chloroprene rubber).

Eye/face protection

Eye protection: not required.

Body protection:

Protective clothing

Environmental exposure controls

refer to chapter 7. No further action is necessary.

Consumer exposure controls

refer to chapter 7. No further action is necessary.

Exposure Scenario:

none

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state:	Paste viscous
Colour:	various
Odour:	odourless
Odour threshold:	not determined

Safety relevant basis data

	parameter	Value	unit	Remark
Melting point/freezing point:				not applicable
Initial boiling point and boiling				not applicable

range:		
Flammability:		not determined
lower flammability or explosive limits:		not applicable
Upper flammability or explosive limits:		not applicable
Flash point:		not applicable
Ignition temperature:		none Risk of selfignition.
Decomposition temperature:	> 250 °C	
pH:		not applicable
Kinematic viscosity:		not determined
Water solubility (g/L):		
Partition coefficient: n-octanol/water:		not determined
Vapour pressure:		not applicable
Density:	1,2 g/cm ³	
Relative density:		not determined
Particle properties:		not determined

9.2. Other information

Solids content 100 (%)

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

none none

10.4. Conditions to avoid

UV-radiation/sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours. > Formaldehyde. No hazardous reaction when handled and stored according to provisions.

SECTION 11: Toxicological information

11.1. Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008

Toxicological data are not available.

M-factor:	--	Acute toxicity (dermal):	--
Acute toxicity (oral):	--	Acute toxicity (inhalative):	--

Acute toxicity

Substance:	CAS-No.:	Toxicological information
Polydimethylsiloxan	63148-62-9	LD50 oral (rat) > 5000 mg/kg LD50 dermal > 2008 mg/kg

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity:

No indications of human carcinogenicity exist.

Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

Reproductive toxicity:

No indications of human reproductive toxicity exist.

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard

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

Additional information

11.2. Information about other hazards

11.2.1 Endocrine disrupting properties

11.2.2 Other Information

Data arise from reference works and literature.

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity
Polydimethylsiloxan	63148-62-9	EC50 Algae (72 h) > 10000 mg/l

12.2. Persistence and degradability

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

not applicable

12.6 Endocrine disruptive effect

There are no data available on the mixture itself.

12.7. Other adverse effects

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal/Product:

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

Appropriate disposal / Package

Dispose of waste according to applicable legislation.

List of proposed waste codes / waste designations according to EWC / AVV

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1. UN number

UN No.: --

14.2. UN proper shipping name

Land transport (ADR/RID)

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Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

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14.3. Transport hazard class(es)

Hazard label(s) / Label: --

Classification code: / Classification Code: --

14.4. Packing group

Packing group/ Packing Group: --

14.5. Environmental hazards

ADR/RID / IMDG / ICAO-TI / IATA-DGR:

Marine pollutant:

Yes

☐
☐

No

☒
☒

14.6. Special precautions for user

Land transport (ADR/RID)

transport category: --

tunnel restriction code: --

Special provisions: -- Limited quantity (LQ): --

Sea transport (IMDG)

EmS-No: --

Special provisions: -- Limited quantity (LQ): --

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remark No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer
No information available.

Regulation (EC) No 850/2004 [POP-Regulation]

Regulation (EU) No 649/2012 on the export and import of dangerous chemicals
No information available.

The substance/product is registered with strictly controlled conditions as defined in Article 18(4) of Regulation (EC) No. 1907/2006 (REACH Regulation) and must therefore be handled as such.
No information available.

National regulations

Observe in addition any national regulations!

Restrictions of occupation

none

Restrictions of occupation

Not subject to StörfallVO.

Solvents Regulation (31st BImSchV)

No information available.

Other regulations, restrictions and prohibition regulations

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: 540-97-6 Dodecamethylcyclohexasiloxan

15.2. Chemical Safety Assessment

For this preparation a chemical safety assessment has been carried out. --

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

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

Hazard statements

H413 May cause long lasting harmful effects to aquatic life.

Training advice

none

Recommended restrictions of use:

none

Further remarks:

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 storag

Documentation of changes:

none

Key literature references and sources for data

Data arise from reference works and literature.

Abbreviations and acronyms

Wording of the r-phrases under paragraph 3:
