

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

### 1.1. Product identifier

# Erkogum

CAS No.: --  
EG No.: --  
INDEX No.: --  
REACH No.: --

### 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  
--  
D 72285 Pfalzgrafenweiler

Telephone: 07445 8501 0  
Telefax: 07445 2092

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

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3  
--  
D 72285 Pfalzgrafenweiler

Telephone: 07445 8501 0  
Telefax: 07445 2092

#### Information contact

ERKODENT Erich Kopp GmbH

Information telephone: 07445 8501 21  
Information telefax: --  
E-mail (competent person): w.heuchert@erkodent.com  
Website: www.erkodent.com

### 1.4. Emergency telephone number

ERKODENT Erich Kopp GmbH  
Only available during office hours.

Telephone: 07445 8501 0

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008: - No dangerous material! (!)

### 2.2. Label elements

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

Hazard pictograms: -

Signal word: -

Hazard statements: -

Precautionary statements: -

Hazardous component(s) for labelling  
none

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.

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## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Mixtures

### 3.2. Mixtures

Filler

#### Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):
Dodecamethylcyclohexasiloxan	208-762-8	540-97-6			0,1-1	Eye Irrit. 2, H319; Aquatic Chronic 4, H413
Polydimethylsiloxan	226-171-3	63148-62-9				-

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

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information:** No special measures are necessary.

**Following 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.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>). 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 (CO<sub>2</sub>). Carbon monoxide. Sulphur dioxide (SO<sub>2</sub>). Hydrogen chloride (HCl).

### 5.3. Advice for firefighters

#### General information

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

#### Special protective equipment for firefighters:

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

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## 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

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## 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

Storage class: 11

### 7.3. Specific end use(s)

Observe instructions for use.

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## 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/m <sup>3</sup> ]	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/m <sup>3</sup> ]	Limitation of exposure peaks:	Remark:
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**DNEL-/PNEC-values**

**DNEL value**

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

Substance:	CAS-No.:	PNEC
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**Remark:**

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**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Hand protection**

Tested protective gloves are to be worn: DIN EN 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

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**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
pH:			not applicable
Melting point/freezing point:			not applicable
Initial boiling point and boiling range:			not applicable
Flash point:			not applicable
Evaporation rate:			not applicable
Flammability (solid, gas):			not determined
Explosive properties:			not explosive.
Lower flammability or explosive limits:			not applicable
Upper flammability or explosive limits:			not applicable
Vapour pressure:			not applicable
Vapour density:			not applicable
Relative density:			not determined
Density:	1,2	g/cm <sup>3</sup>	
Solubility(ies):	:		not determined
Water solubility:			practically insoluble
Fat solubility:			not determined
Partition coefficient: n-octanol/water:			not determined
Auto-ignition temperature:			none Risk of selfignition.
Decomposition temperature:	> 250	°C	
Viscosity:			not determined
Oxidising properties:			not determined
Solvent content:	0,0	%	

## 9.2. Other information

Solid 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. > 150 °C Formaldehyde. No hazardous reaction when handled and stored according to provisions.

## SECTION 11: Toxicological information



## 12.6. 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 in accordance with EWC

Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: --

Waste code packaging: --

## SECTION 14: Transport information

### 14.1. UN number

UN No.: --

### 14.2. UN proper shipping name

ADR / RID

--

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IMDG / ICAO-TI / IATA-DGR

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### 14.3. Transport hazard class(es)

Hazard label(s):: --

Classification Code:

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### 14.4. Packing group

Packing Group: --

### 14.5. Environmental hazards

Labelling environmentally hazardous substances

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR:  yes /  no

Marine Pollutant:  yes /  no

### 14.6. Special precautions for user

Land transport (ADR/RID)

Transport category: --

Special provisions: --

Tunnel restriction code: --

Limited quantity (LQ): --

Sea transport (IMDG)

EmS-No: --

Special provisions: --

Limited quantity (LQ): --

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

**Remark:** No dangerous good in sense of these transport regulations.

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## SECTION 15: Regulatory information

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

#### EU legislation

**Regulation (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register:**

No information available.

**Regulation (EC) No 1005/2009 on substance that deplete the ozone layer:**

No information available.

**Regulation (EC) No 648/2004 on detergents:**

No information available.

**Regulation (EC) No 850/2004 on persistent organic pollutants:**

No information available.

**Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals:**

No information available.

**Restrictions according to Title VIII of Regulation (EC) No 1907/2006:**

No information available.

#### National regulations

Observe in addition any national regulations!

#### Restrictions of occupation

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

**A chemical safety assessment has been carried out for this substance:** --

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

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## SECTION 16: Other information

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

#### Hazard statements

H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.

#### Training advice

none

#### Recommended restrictions of use

none



### Further information

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 valid for the new made-up material.

### Documentation of changes

none

### Key literature references and sources for data

Data arise from reference works and literature.

### Abbreviations and acronyms

AC: Artikelkategorie (Article Category)

ACGIH: Rat für Arbeitsschutz und Gefahrstoffe, Amerika (American Conference of Government Industrial Hygienists)

ADN: Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf Binnengewässern (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

ADR: Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße (Accord européen relatif transport des marchandises dangereuses par route)

AGW: Arbeitsplatzgrenzwert

AOX: Adsorbierbare organisch gebundene Halogene (Adsorbable Organic halogen compounds)

Bw: Körpergewicht (Body weight)

CMR: Stoffe klassifiziert als Krebszeugend, Mutagen oder Reproduktionstoxisch (Carcinogenic, Mutagenic, toxic for Reproduction)

CSR: Stoffsicherheitsbericht (Chemical Safety Report)

DIN: Deutsches Institut für Normung / Deutsche Industrienorm

DNEL: Grenzwert, unterhalb dessen der Stoff keine Wirkung ausübt (Derived No Effect Level)

DPD: Zubereitungsrichtlinie / Richtlinie 1999-45-EC (Dangerous Preparations Directive)

DSD: Stoffrichtlinie / Richtlinie 67-548-EC (Dangerous Substances Directive)

DU: Nachgeschalteter Anwender (Downstream User)

EC50: Wirksame Konzentration 50% (Effective Concentration 50%)

EWC/EWL: Europäischer Abfallartenkatalog (European Waste Catalogue)

IATA: Verband für den internationalen Lufttransport (International Air Transport Association)

IBC: Großpackmittel (Intermediate Bulk Container)

ICAO: Internationale Zivillufffahrt-Organisation (International Civil Aviation Organization)

IMDG Code: Gefahrgutvorschriften für den internationalen Seetransport (International Maritime Dangerous Goods Code)

IMO: Internationale Seeschiffahrts-Organisation (International Maritime Organization)

ISO: Internationale Normungsorganisation (International Standards Organisation)

LC50: Lethale (Tödliche) Konzentration 50%

LD50: Lethale (Tödliche) Dosis 50%

LEV: Lokale Absaugung (Local exhaust ventilation)

MAK: Maximale Arbeitsplatzkonzentration – DFG

OEL: Arbeitsplatzgrenzwert (Occupational Exposure Limit)

PBT: persistent, bioakkumulierbar, giftig (persistent, bioaccumulative, toxic)

PNEC: Abgeschätzte Nicht-Effekt-Konzentration (Predicted No Effect Concentration)

PPE/PSA: Persönliche Schutzausrüstung (Personal Protective Equipment)

REACH: Registrierung, Bewertung und Zulassung von Chemikalien (Registration, Evaluation and Authorization of Chemicals)

RID: Gefahrgutvorschriften für den Transport mit der Eisenbahn (Règlement International concernant le transport de marchandises dangereuses par chemin de fer)

STEL: Grenzwert für Kurzzeitexposition (Short-term Exposure Limit)

SVHC: Stoff sehr hoher Besorgnis (Substance of Very High Concern)

TLV: Arbeitsplatzgrenzwert (Threshold Limit Value)

VOC: Flüchtige organische Kohlenwasserstoffe (Volatile Organic Compounds)

vPvB: sehr persistent, sehr bioakkumulierbar (very persistent, very bioaccumulative)

