



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

### 1.1 Product identifier

#### Identification on the label/Trade name

#### label designation/Name of product

Koromineral Glaze, Comp. A

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

#### Relevant identified uses

##### Sector of uses [SU]

SU19 Building and construction work

### 1.3 Details of the supplier of the safety data sheet

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

Korodur Westphal Hartbeton GmbH & Co,

Hohensteinstr. 19

44866 Bochum

P.O. Box:

Telephone: 02327/9457-0

E-mail: info@korodur.de

Dept. responsible for information: Technik

Emergency telephone number: 02327/9457-0

### 1.4 Emergency telephone number

#### Emergency telephone number

02327/ 9457-0

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

#### Health hazards:

##### health hazards

Skin Irrit. 2

##### hazard statements for health hazards

H315 Causes skin irritation.

##### health hazards

Eye Irrit. 2

##### hazard statements for health hazards

H319 Causes serious eye irritation.

### 2.2 Label elements

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

#### Hazard pictograms



GHS07

#### Signal word

Warning

#### Hazard Statements:

##### Hazard statements for health hazards:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### Precautionary Statements:

##### Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.



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P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3 Other hazards**

**Standard phrases for special risks to human beings and the environment**

No risks worthy of mention.

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**SECTION 3: Composition / information on ingredients**

**3.1/3.2 Mixture related information**

**Description**

Gemisch

**Hazardous ingredients**

Kaliummethylsiliconat

1 - <3 %

CAS 31795-24-1

EC 250-807-9

Skin Corr. 1A, H314 / Eye Dam. 1, H318

3-(Polyoxyethylen)propylheptamethyltrisiloxan

CAS 67674-67-3

Acute Tox. 4, H332 / Aquatic Chronic 2, H411

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

Change contaminated, saturated clothing.

**Following inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

**Following skin contact**

Wash immediately with:

Water and soap

In case of skin irritation, consult a physician.

**After eye contact**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

Rinse mouth thoroughly with water.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available

**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor**

Treat symptomatically.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Unsuitable extinguishing media**

Full water jet

**5.2 Special hazards arising from the substance or mixture**

**Hazardous combustion products**

Pyrolysis products, toxic

**5.3 Advice for firefighters**

**Special protective equipment for firefighters:**

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



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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

##### Personal precautions

Provide adequate ventilation. Use personal protection equipment. High slip hazard because of leaking or spilled product.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3 Methods and material for containment and cleaning up

#### For containment

##### Suitable material for taking up:

Kieselguhr

Sand

Universal binder

### 6.4 Reference to other sections

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

#### Protective measures

##### Advices on safe handling

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Do not breathe gas/fumes/vapour/spray.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Hints on joint storage

##### Materials to avoid

Food and feedingstuffs

##### Storage class

Non-combustible liquids

##### Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

### 7.3 Specific end use(s)

#### Recommendation

Observe technical data sheet.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### DNEL-/PNEC-values

##### DNEL Consumer

**ingredient** Kaliummethyilsiliconat

##### DNEL type

DNEL long-term inhalative (local)

**DNEL value** 10 mg/m<sup>3</sup>

**ingredient** Kaliummethyilsiliconat

##### DNEL type

DNEL long-term inhalative (systemic)

**DNEL value** 10 mg/m<sup>3</sup>

**ingredient** Kaliummethyilsiliconat

##### DNEL type

DNEL long-term dermal (systemic)

**DNEL value** 4 mg/kg

**ingredient** Kaliummethyilsiliconat



**DNEL type**

DNEL long-term dermal (local)

**DNEL value** 4 mg/kg

**ingredient** Kaliummethylsiliconat

**DNEL type**

DNEL long-term oral (repeated)

**DNEL value** 0,42 mg/kg

**PNEC**

**PNEC Value** 3,3 mg/kg

**PNEC type**

PNEC sediment, freshwater

**PNEC Value** 0,42 mg/l

**PNEC type**

PNEC aquatic, marine water

**PNEC Value** 4,2 mg/l

**PNEC type**

PNEC aquatic, freshwater

**PNEC Value** 10 mg/l

**PNEC type**

PNEC sewage treatment plant (STP)

**PNEC Value** 0,33 mg/kg

**PNEC type**

PNEC sediment, marine water

**8.2 Exposure controls**

**Personal protection equipment**

**Eye/face protection**

**Suitable eye protection:**

Tightly sealed safety glasses.

**Skin protection**

**Skin protection**

**Suitable material:**

Butyl caoutchouc (butyl rubber)

**Body protection:**

**Suitable protective clothing:**

Disposable suit

**Respiratory protection**

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

**Environmental exposure controls**

**Substance/mixture related measures to prevent exposure during identified uses**

Fresh air (open windows and doors) is necessary.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

**Physical state**

liquid

**Colour**

grey

**Odour**

characteristic

		parameter	Method - source - remark
pH	11	at °C: 20 °C	

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parameter	Method - source - remark
Melting point/freezing point	No data available
Initial boiling point and boiling range >100 °C	
Flash point (°C)	No data available
Evaporation rate	No data available
Flammable solids	Non-flammable.
Flammable aerosols	No data available
Upper explosion limit (Vol-%)	No data available
Lower explosion limit (Vol-%)	No data available
Vapour pressure	No data available
Density 1,13 g/cm <sup>3</sup> at °C: 20 °C	
Vapour density	No data available
Fat solubility (g/L)	No data available
Water solubility (g/L)	No data available
Soluble (g/L) in	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosives	No data available
Oxidising gases	No data available
Oxidising liquids	No data available
Oxidising solids	No data available

**9.2 Other safety information**

No data available

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available

**10.2 Chemical stability**

No data available

**10.3 Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials****Materials to avoid**

Acid

**10.6 Hazardous decomposition products**

No data available



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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Acute dermal toxicity

**ingredient** 3-(Polyoxyethylen)propylheptamethyltrisiloxan

**Acute toxicity, dermal** >2000 mg/kg

##### Effective dose

LD50:

##### Species:

Rabbit.

##### Acute inhalation toxicity (vapour)

**ingredient** 3-(Polyoxyethylen)propylheptamethyltrisiloxan

**Acute inhalation toxicity (vapour)** <2,13 mg/kg

##### Effective dose

LC50:

**Exposure time** 4 h

##### Species:

Rat

##### Acute oral toxicity

**ingredient** 3-(Polyoxyethylen)propylheptamethyltrisiloxan

**Acute toxicity, oral** >5050 mg/kg

##### Effective dose

LD50:

##### Species:

Rat.

**ingredient** Kaliummethylsiliconat

**Acute toxicity, oral** >2000 mg/kg

##### Effective dose

LD50:

##### Species:

Rat.

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## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

#### Assessment/classification

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6 Other adverse effects

No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Waste code packaging** 060205

**Special monitoring requiring wastes:** Yes.

#### Waste name

other bases

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**Waste code product** 150110

**Special monitoring requiring wastes:** Yes.

**Waste name**

packaging containing residues of or contaminated by dangerous substances

**Waste code product** 150102

**Special monitoring requiring wastes:** No

**Waste name**

plastic packaging

**remark****Additional information**

Consult waste material exchange system about disposal. Remove according to the regulations.

**SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name			
14.3 Class(es)			
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

**remark - Land transport (ADR/RID)**

No dangerous good in sense of this transport regulation.

**remark - Sea transport (IMDG)**

No dangerous good in sense of this transport regulation.

**remark - Air transport (ICAO-TI / IATA-DGR)**

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU legislation****Authorisations and/or restrictions on use****Restrictions of occupation**

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

**National regulations****Germany****Störfallverordnung****remark**

Unterliegt nicht der StörfallV.

**Technische Anleitung Luft (TA-Luft)****Number**

5.2.5.

**Water hazard class (WGK)**

schwach wassergefährdend (WGK 1)

**15.2 Chemical Safety Assessment**

No data available



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**SECTION 16: Other information**

**Abbreviations and acronyms**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Relevant R-, H- and EUH-phrases (Number and full text)**

H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

**Key literature references and sources for data**

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.