



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 Lasur (mausgrau/steingrau), Komponente B

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

Relevant identified uses

Sector of uses [SU]

Oberflächenvergütung, Imprägnierung

1.3 Details of the supplier of the safety data sheet

Importer/Only Representative

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

1.4 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

Skin Irrit. 2

hazard statements for health hazards

H318 Causes serious eye damage.

2.2 Label elements

Hazard components for labelling

3-Glycidyoxypropyltrimethoxysilan; Methanol

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

Hazard pictograms



GHS05

Signal word

Danger

Hazard statements

hazard statements for health hazards

H318 Causes serious eye damage.

Precautionary statements

Prevention:

P280 Wear eye/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.

P310 Immediately call a POISON CENTER/doctor/....

2.3 Other hazards

Standard phrases for special risks to human beings and the environment

No risks worthy of mention.



SECTION 3: Composition / information on ingredients

3.1/3.2 Mixtures

Description

Gemisch

Hazardous ingredients

Methanol

>=0,3 - <1 %

CAS 67-56-1

EC 200-659-6

Flam. Liq. 2, H225 / STOT SE 3, H335 / Acute Tox. 3, H301 / Acute Tox. 3, H311

3-Glycidyoxypropyltrimethoxysilan

>=10 - <30 %

CAS 219-784-2

Eye Dam. 1, H318

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Unsuitable extinguishing media

High power 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.

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

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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL-/PNEC-values

DNEL Consumer

Substance name Methanol

DNEL type

DNEL long-term inhalative (local)

DNEL value 10 mg/m³

Substance name Methanol

DNEL type

DNEL long-term inhalative (systemic)

DNEL value 10 mg/m³

Substance name Methanol

DNEL type

DNEL long-term dermal (systemic)

DNEL value 4 mg/kg

Substance name Methanol

DNEL type

DNEL long-term dermal (local)

DNEL value 4 mg/kg

Substance name Methanol

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

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 | Temperature 20 °C | |
| Melting point/freezing point | | | not determined |
| Initial boiling point and boiling range | >100 °C | | |
| Flash point (°C) | | | not determined |
| Evaporation rate | | | not determined |
| flammability | | | not determined |
| Upper explosion limit | | | not determined |
| lower explosion limit | | | not determined |



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Version 1.0

| | parameter | Method - source - remark |
|--|------------------------|--------------------------|
| Vapour pressure | | not determined |
| Vapour density | | not determined |
| Density | 1,13 g/cm ³ | Temperature 20 °C |
| Fat solubility (g/L) | | not determined |
| Water solubility (g/L) | | not determined |
| Soluble (g/L) in | | not determined |
| Partition coefficient: n-octanol/water | | not determined |
| Auto-ignition temperature | | not determined |
| Decomposition temperature | | not determined |

9.2 Other safety information

Physical hazards

Flammable solids

Assessment/classification

Non-flammable.

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Materials to avoid

Acid

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute dermal toxicity

ingredient 3-Glycidyloxypropyltrimethoxysilan

Acute dermal toxicity >2000 mg/kg

Effective dose

LD50:

Species:

Rabbit.

Acute inhalation toxicity (vapour)

ingredient 3-Glycidyloxypropyltrimethoxysilan

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

Effective dose

LC50:

Exposure time 4 h



Species:

Rat

Acute oral toxicity

ingredient 3-Glycidyloxypropyltrimethoxysilan

Acute oral toxicity >5050 mg/kg

Effective dose

LD50:

Species:

Rat.

ingredient Methanol

Acute oral toxicity >2000 mg/kg

Effective dose

LD50:

Species:

Rat.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Assessment/classification

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information 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 information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Package

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

Waste code packaging 150110

hazardous waste Yes.

Waste name

packaging containing residues of or contaminated by dangerous substances

Waste code product 080299

hazardous waste No

Waste name

wastes not otherwise specified

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 | | | |



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Land transport (ADR/RID)

Sea transport (IMDG)

Air transport (ICAO-TI / IATA-DGR)

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.

Other regulations (EU)

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L): <220 g/L

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

VOC content (g/L), ready-to-use condition: 0 g/L

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

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)

H225 Highly flammable liquid and vapour.

H301, R25 Toxic if swallowed.

R24, H311 Toxic in contact with skin.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H370 Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

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.