



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

1.1 Product identifier

Trade name/designation KOROTEX

Identification on the label/Trade name

label designation/Name of product

KOROTEX

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

Relevant identified uses

Sector of uses [SU]

Curing agent

SU19 Building and construction work

1.3 Details of the supplier of the safety data sheet

Importer/Only Representative

KORODUR Westphal Hartbeton GmbH & Co. KG

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44866 Bochum

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Department responsible for information: Technik

Information telephone: +49(0)2327/9457-17

www.korodur.de

1.4 Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

remark

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

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

Hazard statements

hazard statements for health hazards

Not a dangerous substance or mixture according to Regulation (EC) No. 1272

Other labelling

Standard phrases for safety precautions for the protection of humans or the environment

General provisions

EUH210 safety data sheet available upon request. EUH208 Contains (Contains 2-Methyl-2H-isothiazol-3-one (MIT), mixture of 5-chloro-2-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC No. 222-239-6] (3:1). May cause allergic reactions..

2.3 Other hazards

Results of PBT and vPvB assessment

This substance/mixture does not contain any components at concentrations of 0.1% or higher that are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB). Contains a biocide to protect the product. Active ingredient: Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3:1)(C(M)IT/MIT (3:1), 55965-84-9, 2-Methyl-2H-isothiazol-3-one (MIT), 2682-20-4. Please carry responsibly handle treated goods.

SECTION 3: Composition / information on ingredients

3.1/3.2 Substances/Mixtures

Hazardous ingredients

1-Phenoxypropan-2-ol

1 - 2,5 %

CAS 770-35-4

Eye Irrit. 2, H319



Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3:1) (C(M))IT/MIT (3:1)) concentration ≥ 0.00002 - $< 0.0015\%$ ≥ 0 - < 0 %

CAS 55965-84-9

Acute Tox. 3, H301 / Acute Tox. 2, H330 / Acute Tox. 2, H310 / Skin Corr. 1C, H314 / Skin Sens. 1A, H317 / Aquatic Acute 1, H400 / Aquatic Chronic 2, H411

2-Methyl-2H-isothiazol-3-one (MIT) concentration ≥ 0.00002 - $< 0.0015\%$ ≥ 0 - < 0 %

CAS 2682-20-4

Acute Tox. 3, H301 / Acute Tox. 2, H330 / Acute Tox. 3, H311 / Skin Corr. 1B, H314 / Eye Dam. 1, H318 / Skin Sens. 1A, H317 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

No special first aid measures required.

Following inhalation

Provide fresh air.

Following skin contact

Remove contaminated clothing and shoes immediately. Wash with soap and a lot of water.

After eye contact

Remove contact lenses. Keep eye wide open and rinse.

Following ingestion

Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic drinks. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Effects

See Section 11 for detailed information on health effects and symptoms. No known significant effects or critical hazards.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder

alcohol resistant foam

Foam

Sand

Carbon dioxide (CO₂)

Water spray jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

No dangerous combustion products known

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus. Common measures for fires involving chemicals.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

See protective measures under point 7 and 8.

For emergency responders

Personal protection equipment

Personal protective equipment, see section. 8



6.2 Environmental precautions

No special environmental measures are necessary.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up

Wipe up with absorbent material (e.g. cloth, fleece). Place into suitable closed containers for disposal.

6.4 Reference to other sections

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling

For personal protective equipment see section 8. No special handling instructions required. The general hygiene measures when handling chemicals must be observed.

Further information

do not eat and drink during work. Do not smoke while working.

Measures to prevent fire

Usual measures for fire prevention.

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class

Non-combustible liquids

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place. No special restrictions on storage with other products. No decomposition if stored and used as directed.

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

remark

Does not contain any substances with workplace exposure limits.

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)

NBR (Nitrile rubber)

FKM (fluoro rubber)

Body protection

Suitable protective clothing

Protective work clothing (e.g. safety shoes according to EN ISO 20345, long-sleeved work clothing, long trousers)

Respiratory protection

No special actions required.

Environmental exposure controls

remark

No special environmental protection measures required.



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

liquid

Colour

white

Odour

characteristic

	parameter	Method - source - remark
Melting point/freezing point		not determined
Boiling point or initial boiling point and boiling range		not determined
flammability		not determined
Upper explosion limit		not determined
lower explosion limit		not determined
Flash point (°C)		not determined
Auto-ignition temperature		not determined
Decomposition temperature		not determined
pH	8	Temperature 20 °C
Kinematic viscosity	>7 - <20,5 mm ² /s	Temperature 40 °C
Water solubility		not determined
Soluble (g/L) in		not determined
Fat solubility		not determined
Partition coefficient: n-octanol/water		not determined
Vapour pressure	23 hPa	
Density and/or relative density	1 g/cm ³	Temperature 20 °C
Relative vapour density		not determined
particle characteristics		not determined

9.2 Other information

Physical hazards

Flammable solids

Assessment/classification

Non-flammable.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known when used as intended.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.



10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Acute dermal toxicity

ingredient 1-Phenoxypropan-2-ol

Acute dermal toxicity >2000 mg/kg

Effective dose

LD50:

Species:

Rat

Acute inhalation toxicity (dust/mist)

remark

Has a corrosive effect on the respiratory tract

Acute inhalation toxicity (gas)

ingredient Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3:1) (C(M)IT/MIT (3:1)) concentration ≥ 0.00002 - $< 0.0015\%$

remark

Has a corrosive effect on the respiratory tract

Acute oral toxicity

ingredient 1-Phenoxypropan-2-ol

Acute oral toxicity 2830 mg/kg

Effective dose

LD50:

Species:

Rat

skin corrosion/irritation

Result / evaluation

Not classified based on available information.

Respiratory or skin sensitisation

Sensitisation to the respiratory tract

Assessment/classification

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

Skin sensitisation

Assessment/classification

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

Assessment/classification

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

Carcinogenicity

Result / evaluation

Not classified based on available information.

Reproductive toxicity

Assessment/classification

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

STOT-single exposure

STOT SE 1 and 2

Dermal specific target organ toxicity (single exposure)



Assessment/classification

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

Oral specific target organ toxicity (single exposure)

Assessment/classification

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

STOT-repeated exposure

STOT RE 1 and 2

Dermal specific target organ toxicity (repeated exposure)

Assessment/classification

Not classified based on available information.

Inhalative specific target organ toxicity (repeated exposure)

Assessment/classification

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

Oral specific target organ toxicity (repeated exposure)

Assessment/classification

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

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) toxicity to algae and cyanobacteria

ingredient 1-Phenoxypropan-2-ol

Acute (short-term) toxicity to algae and cyanobacteria >100 mg/L

Effective dose

EC50

Test duration 72 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance/mixture does not contain any components at concentrations of 0.1% or higher that are classified as either periresistant, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

remark

According to the current waste catalog regulation, waste must be assigned to the type of waste based on its origin. It is therefore not possible to clearly define a waste code number. Empty packaging must be recycled. Packaging that contains residues of dangerous substances or is contaminated by dangerous substances, as well as packaging that has not been completely emptied, must be disposed of properly and without damage, just like the product.

Directive 2008/98/EC (Waste Framework Directive)

Before intended use

Appropriate disposal / Package

Completely emptied packings can be re-cycled.



SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	not applicable	not applicable	not applicable
14.2 Proper Shipping Name	not applicable	not applicable	not applicable
14.3 Class(es)	not applicable	not applicable	not applicable
14.4 Packing group	not applicable	not applicable	not applicable
14.5 Environmental hazards	not applicable	not applicable	not applicable
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Maritime transport in bulk according to IMO instruments	not applicable	not applicable	not applicable

Additional information - Land transport (ADR/RID)

remark

No dangerous good in sense of this transport regulation.

Additional information - Sea transport (IMDG)

remark

No dangerous good in sense of this transport regulation.

Additional information - Air transport (ICAO-TI / IATA-DGR)

remark

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

National regulations

Germany

Water hazard class

Water hazard class 1 (WGK 1)

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

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.