

Material Safety Data Sheet

According to Regulation (EU) 2015/830



Trade name: KRONE Tiefgrund

Revised on: 25 Oct. 2016

Effective date: 01 Jan. 2017

Version: 5

Replaces version: 4 dated 01 Feb. 2016

Section 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name: Krone Tiefgrund

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

Application of the mixture: Solvent-free special primer on the basis of a synthetic dispersion for indoor and outdoor use, almost odourless, ready-to-use and water-dilutable.

Relevant identified uses: Industrial use.
Commercial use.

Uses advised against: Use by private consumers,

When used as specified - none

1.3 Details of the supplier providing the material safety data sheet

Manufacturer/Supplier: Hilliges Gipswerk GmbH & Co. KG

Street / P.O. box: Hüttenweg 1

Nat. ID/ zip code/town or city: DE – 37520 Osterode

Phone: +49(0) 5522 9909-0

Fax: +49(0) 5522 9909-90

E-Mail: wichmann.mark@krone-gips.de

1.4 Emergency number

GIZ-Nord: [(Information centre for poisoning cases)] +49 (0) 551 19240

Section 2: Potential hazards

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

The substance has been classified as not hazardous.

[The product has not been classified according to the CLP-regulation]

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2.2 Labelling elements

Labelling according to Regulation (EC) No. 1272/2008: Not applicable

Hazard pictograms: None

Signal word: None

Hazards information: None

Safety information: None

Additional labelling: EUH208
Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May cause allergic reactions. Advice for allergic persons: Hotline- 0180/ 5308928 (0.14 €/Min from German landlines, mobile communications max. 0.42 €/Min)

2.3 Other hazards

Results of PBT- and vPvB-assessment: PBT: Not applicable.
vPvB: Not applicable

Section 3: Composition / information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Chemical characterisation: Mixture

Hazardous ingredients: None

Section 4: First-aid measures

4.1 Description of first-aid measures

General information: No adverse effects when the substance is used as specified.

After inhalation: Fresh air, consult physician when complaints occur.

After skin contact: Wash off with water and soap. Do not use solvents or diluting agents.

After eye contact: Rinse eyes under running water with eyelids open for at least 10 minutes and consult an eye specialist.

After ingestion: Rinse out mouth and drink plenty of water. Seek medical attention.

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4.2 Main symptoms and effects, both acute and delayed

No specific symptoms or effects known.

4.3 Information on medical emergency assistance or special treatment needed

No additional relevant information available.

Section 5: Fire-fighting measures

5.1 Extinguishing agents

General information: The product itself is non-combustible. In the event of a surrounding fire, the following points have to be observed:

Suitable extinguishing agents Adapt extinguishing measures to suit the environment.

Unsuitable extinguishing agents: Full water jet

agents:

5.2 Special hazards arising from the substance or mixture

Special hazard for fire-fighters: Irritant smoke is generated when burning.

5.3 Advice for firefighters

Special protective equipment. Wear self-contained breathing apparatus

Further information: The product is not combustible.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personnel and members of emergency services not trained for emergencies: Avoid contact with eyes and skin.
Wear safety shoes or boots with rough-textured rubber soles.
The product forms slippery surfaces when combined with water.

6.2 Environmental precautions

Do not allow to get into surface water or sewer system. Inform competent authorities in case of any contamination of waters or sewer systems. Prevent further leaking or spilling, when this is possible without danger.

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6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material[...] (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect in suitable, closed containers for disposal.

6.4 Reference to other sections

None

Section 7: Handling and storage

7.1 Precautions for safe handling

Notes regarding safe handling:	No special technical precautions required.
Advice relating to general industrial hygiene:	Do not eat, drink or smoke at the workplace. Wash hands before breaks and after work. used work clothing should not be worn outside the workplace.

7.2 Conditions for safe storage, including incompatibilities

Requirements for storage rooms and containers:	Carefully close containers after opening and store containers in an upright position to prevent any leaking. To maintain the quality of the product, store away from heat and direct sunlight. Store at room temperature. Unusable after freezing.
Information on storage with other products:	Keep away from oxidising agents and highly acid or alkaline materials.
Further information about storage conditions:	Store in a dry place. Keep container tightly closed.
Storage category (TRGS 510):	Non-combustible liquid (LGK 12) [dangerous goods storage class]

7.3 Specific end use

No additional relevant information available.

Section 8: Exposure controls and personal protection

8.1 Parameters to be monitored

Does not contain any substances with occupational exposure limits.

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8.2 Limitation and monitoring of exposure

Personal protective equipment

Respiratory protection: Normally no personal respiratory protection required.

Hand protection: Material: Nitrile rubber Penetration time: 240 min
Thickness of gloves: 0.2 mm

Comment: Wear suitable gloves, tested according to EN374. Clean gloves with water and soap before removing.

Precautions: No special protective equipment required.

Eye protection: In the event of any risk of splashing, wear safety glasses with lateral shields (according to EN 166).

Skin and body protection: Protective work clothing

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance / colour:	Liquid / white
Odour:	characteristic
Odour threshold	Not applicable
pH (at 20°C), in aqueous solution:	9
Melting point / melting range:	0°C
Boiling point:	100°C
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability (solid, gaseous):	Inflammable
Upper / lower flammability or explosive limits	Not applicable
Steam pressure:	23 hPa
Vapour density	Not applicable
Relative density:	Not applicable
Density:	1.7 g/cm ³
Solubility in water (at 20°C):	Insoluble, completely mixable
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not applicable
Thermal decomposition:	No data available
Draining time:	Not applicable
Explosive properties:	Not applicable
Oxidizing properties.	No data available

9.2 Other information:

No data available

Section 10: Stability and reactivity

10.1 Reactivity

No decomposition when stored and handled as specified.

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10.2 Chemical stability

No (thermal) decomposition when stored and handled as specified.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to be avoided

Protect against frost, extreme temperatures and direct sunlight.

10.5 Incompatible materials

Incompatible with oxidising agents, acids and bases.

10.6 Hazardous decomposition products

No decomposition when stored and handled as specified.

In case of fire, the following dangerous decomposition products may be generated:

Carbon monoxides, carbon dioxide and uncombusted hydrocarbon (smoke).

Section 11: Toxicological Information

11.1 Information on toxicological effects

Relevant hazard class	Note / effective dose
Acute coral toxicity	> 2000 mg/kg
Acute dermal toxicity	No data available
Acute inhalative toxicity	No data available
Corrosive/irritant effect on the skin	According to the classification criteria of the EU, the product is not to be considered as irritating to the skin.
Serious damage/irritation to the eyes	According to the classification criteria of the EU, the product is not to be considered as irritating to the eyes.
Allergisation of respiratory tract/skin	No data available
Gamete mutagenity	No data available
Carcinogenity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity at single exposure	No data available
Specific target organ toxicity at repeated exposures	No data available
Aspiration toxicity	No data available
Additional information	No data available for this product. The information provided is based on data originating from components and toxicities of similar products.

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Section 12: Environmental information

12.1 Toxicity

Aquatic toxicity: No additional relevant information available.

12.2 Persistence and degradability

No additional relevant information available.

12.3 Bioaccumulation potential

No additional relevant information available.

12.4 Mobility in soil

No additional relevant information available.

12.5 Results of PBT- and vPvB-assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other harmful effects:

No additional relevant information available.

Section 13: Disposal considerations

13.1 Waste treatment process

Recommendation: Disposal in accordance with the applicable government regulations
Deliver liquid remainders of material to the collection point for waste paints/varnishes. Dispose dried remainders of material as other construction and demolition wastes or as municipal waste or domestic waste.

European waste catalogue:

17 09 other construction and demolition waste

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.

Contaminated packaging - recommendation:

Deliver only completely emptied packaging to recycling points.

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Section 14: Transport information

14.1 UN- Number

ADR, IMDG, IATA: not applicable

14.2 Proper UN-shipping name:

ADR, IMDG, IATA: not applicable

14.3 Transport hazard classes

ADR, IMDG, IATA: not applicable

14.4 Pack group

ADR, IMDG, IATA: not applicable

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for the user:

Not applicable.

14.7 Transportation in bulk according to Annex II of MARPOL-agreement And according to IBC-Code

Not applicable.

Section 15: Legislation

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

National regulations:

Water hazard class	Slightly hazardous to waters – WGK 1
Product code paints and varnishes / GIS-code	M-DF01 Emulsion paints, solvent-free (more information available at: www.wingis-online.de)
Total Volatile Organic Compounds	Directive 2004/42/EC - <0.1%; <1 g/l

15.2 Chemical safety assessment

No Chemical Safety Assessment required for this substance.

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Section 16: Other information

Department issuing data specification sheet:

Hilliges Gipswerk GmbH & Co. KG,
Abteilung Qualitätssicherung, [Quality Assurance
Department] Hüttenweg 1,
37520 Osterode am Harz

Contact:

Quality Assurance Department:
Tel.-No.: +49(0) 5522 9909-34
Fax No.: +49(0) 5522 990990

Wording of h and p-clauses:

None

Training advice on health and safety:

www.eurogypsum.org

Other notes;

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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 as far as the product described in this material safety data sheet is combined, mixed or processed with other materials or is subjected to any adaptation, the information provided in this material safety data sheet may, unless expressly stated otherwise, not be transferred to the new material manufactured in the above manner.