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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.05.2020 Version-No. 3 Revision: 30.01.2015

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

- · 1.1. Product identifier
- · Trade name / Article-No: KLEIBERIT 881.1
- 1.2. Relevant identified uses of the substance / mixture or uses advised against No further relevant information available.
- · 1.3. Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

KLEBCHEMIE

M.G. Becker GmbH & Co. KG

Max-Becker-Str. 4

D - 76356 Weingarten / Baden

Germany

· Further information obtainable from:

phone: +49-7244-62-0 FAX: +49-7244-700-0 e-mail: hse@kleiberit.com

1.4. Emergency telephone number:

+44 1235 239670

European regional number (European languages)

+44 1235 239671

Middle Eastern/African regional number (Middle Eastern/African languages)

+1 215 207 0061

Americas regional number (English, Spanish, Portuguese)

+65 3158 1412

Asia Pacific regional number (English, Bahasa, Malaysia, Hindi, Japanese, Korean, Mandarin, Tagalog)

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008 GHS/CLP

The product is not classified as hazardous to health or environment according to the CLP regulation.

- · 2.2. Label elements
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 2.3. Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: melamine-formaldehyde resin
- · Dangerous components:
- Registry-No's Identification / Classification GHS-CLP Void

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SECTION 4: First aid measures

- · 4.1. Description of first aid measures
- · After inhalation: Supply fresh air and to be sure call for a doctor.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

- Information for doctor:
- 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
- Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- 5.2. Special hazards arising from the substance or mixture Nitrogen oxides (NOx)
- 5.3. Advice for firefighters
- · **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- · 6.1. Personal precautions, protective equipment and emergency procedures Avoid formation of dust.
- · 6.2. Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · 6.3. Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

- · Handling:
- · 7.1. Precautions for safe handling

No special measures required.

Prevent formation of dust.

- · Information about fire and explosion protection: No special measures required.
- · 7.2. Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Keep container tightly closed.
- Information about storage in one common storage facility: Observe the national regulations.
- · Further information about storage conditions: None.
- · 7.3. Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

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· 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- · 8.2. Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

- · Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed.
- · Protection of hands: Protective gloves
- · Material of gloves A Nitrile rubber NBR: AlphaTec® (> 0,4 mm)
- · Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties

- · 9.1. Information on basic physical and chemical properties
- · General Information
- · Appearance:

Form: Powder White
Colour: Light

• ph-value at 20 °C: 8 (50 %)

· Change in condition

Melting point/freezing point: 120 °C Initial boiling point and boiling range: Undetermined.

• Flash point: $> 200 \, ^{\circ}\text{C}$ • Ignition temperature: $400 \, ^{\circ}\text{C}$ • Decomposition temperature: $> 250 \, ^{\circ}\text{C}$

• **Auto-ignition temperature:** Product is not selfigniting.

• Explosive properties: Product does not present an explosion hazard.

· **Density:** Not determined.

• Bulk density at 20 °C: 600 - 700 kg/m³ (ISO 697)

· Solubility in / Miscibility with

water: Dispersible.

• **9.2. Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1. Reactivity see item 10.3
- · 10.2. Chemical stability Stable when stored and used properly.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3. Possibility of hazardous reactions Reacts with strong acids.
- · 10.4. Conditions to avoid No further relevant information available.
- 10.5. Incompatible materials: No further relevant information available.
- · 10.6. Hazardous decomposition products: Small quantities of formaldehyde may be formed

SECTION 11: Toxicological information

- · 11.1. Information on toxicological effects
- · Acute toxicity Based on available data, the classification criteria are not met.

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- · LD/LC₅₀ values relevant for classification: LD50 / oral / rat: > 5.000 mg/kg
- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information: Carcinogene Cat. 3
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- · 12.1. Toxicity
- · Aquatic toxicity: No further relevant information available.
- Type of test Effective concentration Method Assessment

Leuciscus idus /LC50 (96 h): 320 - 460 mg/l

LC0 (96 h): 147 mg/l

- · 12.2. Persistence and degradability No further relevant information available.
- · 12.3. Bioaccumulative potential No further relevant information available.
- 12.4. Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- 12.5. Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6. Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1. Waste treatment methods
- · Recommendation

Can be burned with household garbage / commercial waste after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Transfer to a company for special waste or take it to a collection point for hazardous waste.

European waste catalogue

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

- · Uncleaned packaging:
- · Recommendation:

Empty contaminated packagings thoroughly. Disposal must be made according to official regulations. Non contaminated packagings may be recycled.

SECTION 14: Transport information

· 14.1. UN-Number	Not applicable
· 14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
· 14.4. Packing group	Not applicable

· 14.5. Environmental hazards:

· Marine pollutant: No

• 14.6. Special precautions for user Not applicable.

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• 14.7. Transport in bulk according to Annex II of

Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information

- · 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture See position no 2 Hazards Identification
- · Directive 2012/18/EU Seveso-III:
- · Named dangerous substances ANNEX I None of the ingredients is included.
- · National regulations:
- D: Waterhazard class Water hazard class 1 (Self-assessment): slightly hazardous for water.
- · 15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Safety & Environment
- · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

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