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

Printing date 03.05.2021 Version number 19 Revision: 10.12.2020

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

· **1.1 Product identifier**

· **Trade name:** **KS-L Mineralschaumkleber**

· **Article number:** 3450
· **SDB-Nr.:** 20894
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
· **Sector of Use** SU19 Building and construction work
· **Application of the substance / the mixture** Mineral dry mortar, to be mixed with water.

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Sievert Baustoffe GmbH & Co. KG
Mühleneschweg 6
49090 Osnabrück
Tel. +49 541 601-01
Fax +49 541 601-853

· **Further information obtainable from:**
Abteilung: Technische Beratung
Telefon: +49 (0)541 601-01
EMail: info@sievert.de
· **1.4 Emergency telephone number:**
Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen
Phone +49 551 19240

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* SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

corrosion

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms**

GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Cement, portland, chemicals
calcium dihydroxide
· **Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
· **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

· ***2.3 Other hazards***
Dust from the dry mix may cause respiratory irritation.
Repeated inhalation of relatively large amounts of dust increases the risk of lung disorders.
A highly alkaline solution is produced as soon as the dry preparation comes into contact with water or becomes moist. Due to its high alkalinity, moist mortar can cause irritation to the skin and eyes. Particularly if the mortar is contact with the skin over a longer period (e.g. when kneeling in moist mortar), this alkalinity can cause serious damage to the skin.
The mixture is low-chromate, thus there is no risk of sensitization from chromate. In the form finished ready for use after adding water, the content of soluble chrome IV is maximum 0.0002% of the dry mass of the cement contained.
Requirement for the effectiveness of the chromate reduction is the correct dry storage and adherence of the maximum storage time.
The preparation is low chromate (in accordance with TRGS 613/ Germany). For the chromate reduction to remain effective, the preparation must be stored properly and not be used after the expiration date (see Section 7.2).
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.

SECTION 3: Composition/information on ingredients

· ***3.2 Chemical characterisation: Mixtures***
· ***Description:*** Dry-mix mortar made of mineral binders and aggregates.

· ***Dangerous components:***

CAS: 65997-15-1 EINECS: 266-043-4	Cement, portland, chemicals Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	10-25%
CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45-xxxx	calcium dihydroxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	2.5-10%

· ***Additional information:*** The full wording of the H statements can be found in Section 16.

SECTION 4: First aid measures

· ***4.1 Description of first aid measures***
· ***General information:*** Immediately remove any clothing soiled by the product.
· ***After inhalation:*** Ensure a plentiful supply of fresh air. Consult a doctor if there is any discomfort.
· ***After skin contact:***
In case of contact with skin wash off with soap and water. Consult a doctor if skin irritation persists.
Immediately rinse with water.
· ***After eye contact:*** Rinse opened eye for several minutes under running water. Then consult a doctor.
· ***After swallowing:*** Rinse out mouth and then drink plenty of water.
· ***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:***
Product does not burn, fire-extinguishing activitys according to surrounding.
Use fire extinguishing methods suitable to surrounding conditions.
· ***For safety reasons unsuitable extinguishing agents:*** Water with full jet
· ***5.2 Special hazards arising from the substance or mixture*** No further relevant information available.
· ***5.3 Advice for firefighters***
· ***Protective equipment:*** Mouth respiratory protective device.
· ***Additional information*** Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Avoid formation of dust.
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.

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If swallowed call physician immediatley and show package or lable.

· ***6.2 Environmental precautions:***
Do not allow the product to enter the sewer system, surface water or groundwater (raises the pH-value).

· ***6.3 Methods and material for containment and cleaning up:***
Use neutralising agent.
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

· ***7.1 Precautions for safe handling*** Thorough dedusting.
· ***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:***
Store only in unopened original receptacles.
Keep container tightly closed.
Store in dry conditions. Prevent the admittance of water and moisture.
· ***Information about storage in one common storage facility:*** Not required.
· ***Further information about storage conditions:***
Always observe the manufacturer's instructions regarding storage conditions and shelf-life. If stored incorrectly (e.g. in moist conditions) or used after the expiration date, any chromate-reducing components present may loose their effectiveness, in which case sensitisation cannot be ruled out if the material comes into contact with the skin.
Keep container tightly sealed.
· ***Storage class:*** VCI storage class: 13 · non-combustible solids.
· ***7.3 Specific end use(s)*** No further relevant information available.

*
SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***
· ***Additional information about design of technical facilities:*** No further data; see item 7.
· ***Ingredients with limit values that require monitoring at the workplace:***

65997-15-1 Cement, portland, chemicals (10-25%)
WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust

1305-62-0 calcium dihydroxide (2.5-10%)
WEL Short-term value: 4* mg/m³
Long-term value: 5 1* mg/m³
*resprable fraction

· ***Additional information:***
General dust threshold value 1,25 (A) mg/m3. The exposure threshold values are taken from the version of the TRGS 900 regulations that was valid at the time of compilation of this document.
The lists valid during the making were used as basis.

· ***8.2 Exposure controls***
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Be sure to clean skin thoroughly after work and before breaks.
Use skin protection cream for skin protection.
Use an oil-restoring skin cream after work.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
· ***Respiratory protection:***
If the exposure threshold values are exceeded (which could happen when mixing, for example), wear an FFP1 (white) particle-filtering half-mask.
-
· ***Protection of hands:***
Wear waterproof protective gloves that are wear-resistant and alkali-resistant and bear the CE mark.

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Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· ***Penetration time of glove material***
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
-

· ***Eye protection:***
If dust is generated or if there is a danger of spray or splatter, wear tightly fitting protective goggles in accordance with EN 166.
-

Safety glasses

Tightly sealed goggles

· ***Body protection:***
Protective work clothing
-

SECTION 9: Physical and chemical properties

· ***9.1 Information on basic physical and chemical properties***
· ***General Information***
· ***Appearance:***
Form: Like powder
Colour: Grey
· ***Odour:*** Odourless
· ***Odour threshold:*** Not determined.

· ***pH-value:*** Not applicable.

· ***Change in condition***
Melting point/freezing point: not applicable
Initial boiling point and boiling range: not applicable

· ***Flash point:*** Not applicable.

· ***Flammability (solid, gas):*** Not determined.

· ***Decomposition temperature:*** Not determined.

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

· ***Explosive properties:*** Product does not present an explosion hazard.
· ***Lower:*** Not determined.
· ***Upper:*** Not determined.

· ***Vapour pressure:*** Not applicable.

· ***Density:*** Not determined.
· ***Relative density*** Not determined.
· ***Vapour density*** Not applicable.
· ***Evaporation rate*** Not applicable.

· ***Solubility in / Miscibility with water:*** Slightly soluble.

· ***Partition coefficient: n-octanol/water:*** Not determined.

· ***Viscosity:***
Dynamic: Not applicable.
Kinematic: Not applicable.

Solids content: 100.0 %

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

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.4 Conditions to avoid** Avoid water infiltration and moisture during storage.
· **10.5 Incompatible materials:** To avoid contact with acids.
· **10.6 Hazardous decomposition products:**
No dangerous decomposition products known at correct handling and storage.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.
· **Primary irritant effect:**
· **Skin corrosion/irritation**
Causes skin irritation.
· **Serious eye damage/irritation**
Causes serious eye damage.
· **Respiratory or skin sensitisation**
As long as the use-by date is not exceeded a sensisting effect is not to be expectet.
· **Other information (about experimental toxicology):**
Long lasting reaplicationof fresh mortar or fresh concrete to unprotected skin could sensitize the skin and could produce allergic dermatological reactions. The product mixed with water could produce servere damage to skin (Bricklayer's Itch). Simultaneus mechical load to the skin could improve the damage.
The product can produce severe skin damage in humans, especally if prolonged skin contact takes place.
· **Additional toxicological information:**
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
· **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.

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SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **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.
· **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.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
· **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**
Disposal according to official regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system. Remove in accordance with local offical regulations.
Material mixed with water and let harden.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

· **14.1 UN-Number**
· **ADR, ADN, IMDG, IATA** Void
· **14.2 UN proper shipping name**
· **ADR, ADN, IMDG, IATA** Void
· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**
· **Class** Void
· **14.4 Packing group**
· **ADR, IMDG, IATA** Void
· **14.5 Environmental hazards:** Not applicable.
· **14.6 Special precautions for user** Not applicable.
· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

· **ADR**
· **Item:** No hazardous material as defined by the prescriptions.
· **UN "Model Regulation":** Void

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations:** -

· **Other regulations, limitations and prohibitive regulations**
-
-
-
-

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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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.

· **Relevant phrases**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

· **Department issuing SDS:** Abteilung F&E
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
· ***** Data compared to the previous version altered.**