

KBS FR CAULKING

Version	Revision Date:	SDS Number:	Date of last issue: 15.09.2021
2.0	18.02.2022	000000498979	Date of first issue: 15.09.2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KBS FR CAULKING

Manufacturer or supplier's details

Company : Wolman Wood and Fire Protection GmbH

Address : Dr.-Wolman-Strasse 31-33
Sinzheim 76547

Telephone : +4972218000

Emergency telephone : ChemTel: +1-813-248-0585

Telefax : +497221800290

Recommended use of the chemical and restrictions on use

Recommended use : fire prevention

2. HAZARDS IDENTIFICATION**GHS Classification**

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms : None

Signal Word : None

Hazard Statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P273 Avoid release to the environment.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

No specific dangers known, if the regulations/notes for storage and handling are considered.
If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Substance / Mixture : Mixture
Chemical nature : dispersion
in water

Components

Chemical name	CAS-No.	Concentration (% w/w)
pentapotassium triphosphate	13845-36-8	>= 1 - < 10
2-octyl-4-isothiazol-3-ones	26530-20-1	>= 0,0025 - < 0,025

4. FIRST AID MEASURES

General advice : Remove contaminated clothing.

If inhaled : Keep patient calm, remove to fresh air.
In case of skin contact : Wash thoroughly with soap and water
In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If swallowed : Rinse mouth and then drink 200-300 ml of water.
Most important symptoms and effects, both acute and delayed : None known.
Notes to physician : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Not applicable
Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing agents normally used are sufficient.
Unsuitable extinguishing media : Not applicable
Specific hazards during fire fighting : Product is not combustible or explosive.
No particular hazards known.
Specific extinguishing methods : Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered.
The degree of risk is governed by the burning substance and the fire conditions.
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective clothing. Information regarding personal protective measures, see section 8.
- Environmental precautions : Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Large spills should be collected mechanically (remove by pumping) for disposal. Dam up. Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.
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7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires. No special precautions necessary.
- Advice on safe handling : No special measures necessary provided product is used correctly.
- Further information on storage conditions : Keep container dry.
- Materials to avoid : Segregate from foodstuffs.
- Recommended storage temperature : 5 - 40 °C
- Packaging material : Suitable material: High density polyethylene (HDPE)
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

Engineering measures : No special precautions necessary.

Personal protective equipment

Respiratory protection : Respiratory protection in case of vapour/aerosol release.

Filter type : Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection

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Remarks	:	Chemical resistant protective gloves (EN 374)
Eye protection	:	Safety glasses with side-shields (frame goggles) (e.g. EN 166)
Skin and body protection	:	Body protection must be chosen based on level of activity and exposure.
Protective measures	:	Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended.
Hygiene measures	:	No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	gray
Odor	:	slight odour
pH	:	approx. 5 (20 °C)
solidification temperature	:	approx. 0 °C (for a component of this mixture)
Boiling point	:	approx. 100 °C (for a component of this mixture)
Flash point	:	Not applicable Aqueous solution
Evaporation rate	:	Value can be approximated from Henry's Law Constant or vapor pressure.
Flammability (solid, gas)	:	Based on the structure or composition there is no indication of flammability
Upper explosion limit / Upper flammability limit	:	For liquids not relevant for classification and labelling.
Lower explosion limit / Lower flammability limit	:	For liquids not relevant for classification and labelling.
Vapor pressure	:	Not applicable
Relative vapor density	:	Not applicable

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Density	:	approx. 1,4 g/cm ³ (20 °C)
Solubility(ies) Water solubility	:	completely miscible
Partition coefficient: n- octanol/water	:	not applicable for mixtures
Autoignition temperature	:	Not applicable
Decomposition temperature	:	No decomposition if stored and handled as pre- scribed/indicated.
Temperature of polymeriza- tion (SAPT)	:	Study scientifically not justified.
Viscosity Viscosity, dynamic	:	No data available
Explosive properties	:	Based on the chemical structure there is no indication of ex- plosive properties.
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Metal corrosion rate	:	No corrosive effect on metal.

10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as pre- scribed/indicated.
Chemical stability	:	The product is stable if stored and handled as pre- scribed/indicated.
Possibility of hazardous reac- tions	:	No hazardous reactions if stored and handled as pre- scribed/indicated.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	None known during use and storage if used according to in- structions.
Hazardous decomposition products	:	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

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Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:

2-octyl-4-isothiazol-3-ones:

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

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Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Observe national and local legal requirements.

Contaminated packaging : Packs that cannot be cleaned should be disposed of in the same manner as the contents.
Uncontaminated packaging can be re-used.

14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

Not applicable

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

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16. OTHER INFORMATION**Further information**

Other information : Any other intended applications should be discussed with the manufacturer.
Corresponding occupational protection measurements must be followed.

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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