

KBS® Pipe Seal M

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	24.08.2023	000000494983	Date of first issue: 24.08.2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KBS® Pipe Seal M

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**

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Article

Components

No hazardous ingredients

4. FIRST AID MEASURES

General advice : If adverse health effects develop seek medical attention.

If inhaled : After inhalation of dust.
Keep patient calm, remove to fresh air, seek medical atten-

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tion.

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 thoroughly with water, seek medical attention.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray
Carbon dioxide (CO₂)
Foam
Dry powder

Unsuitable extinguishing media : water jet

Specific hazards during fire fighting : The substances/groups of substances mentioned can be released if the product is involved in a fire.

Hazardous combustion products : Carbon oxides
harmful vapours
nitrogen oxides
fumes/smoke
carbon black

Specific extinguishing methods : No particular measures required.
The product is immiscible with water.

Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : No special precautions necessary.
Avoid dust formation.

Environmental precautions : Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up : Sweep/shovel up.
Avoid raising dust.
Dispose of absorbed material in accordance with regulations.

7. HANDLING AND STORAGE

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- 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 : Protect against moisture.
Store in unopened original containers in a cool and dry place.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Not applicable

Personal protective equipment

- Respiratory protection : Breathing protection if dusts are formed.
- Filter type : Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)
- Hand protection
- Remarks : Protective gloves against mechanical risks (EN 388)
- Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)
- Skin and body protection : light protective clothing
- Protective measures : Handle in accordance with good industrial hygiene and safety practice.
Avoid inhalation of dusts.
- 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.
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9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : solid
- Color : black
- Odor : almost odourless
- pH : Not applicable
- softening temperature : > 100 °C
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Melting point	:	Not applicable
decomposition point	:	> 180 °C Decomposition: The substance / product decomposes.
Flash point	:	Not applicable
Flammability (solid, gas)	:	not determined
Self-ignition	:	not self-igniting
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapor pressure	:	Not applicable
Relative vapor density	:	Not applicable
Density	:	approx. 1,1 g/cm ³
Solubility(ies) Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	No applicable information available.
Viscosity Viscosity, dynamic	:	Not applicable
Explosive properties	:	Not explosive
Oxidizing properties	:	not fire-propagating

10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions to avoid	:	Avoid humidity.
Incompatible materials	:	Strong acids Strong bases

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Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

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 : Health injuries are not known or expected under normal use.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

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Persistence and degradability**Product:**

Biodegradability : Result: Not readily biodegradable (by OECD criteria).

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: Not applicable

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: Not applicable

Other adverse effects**Product:**

Results of PBT and vPvB assessment : Remarks: The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

Additional ecological information : Do not allow to enter soil, waterways or waste water channels.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Observe national and local legal requirements.

Contaminated packaging : Dispose of in accordance with national, state and local regulations.

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.

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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.

16. OTHER INFORMATION

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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

AllC - 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; TECI - 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

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