Safety data sheet according to UK REACH

Printing date 08.01.2025

Ansnruch verbing

Version number 12 (replaces version 11)

Revision: 08.01.2025

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

· 1.1 Product identifier

· Trade name: WAKOL D 3319 LVT Flooring Adhesive, fibre-containing

- 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application of the substance / the mixture Adhesives
- 1.3 Details of the supplier of the safety data sheet
 Manufacturer/Supplier: WAKOL GmbH Bottenbacher Str. 30 D-66954 Pirmasens info@wakol.com +49 6331 8001 0
- Informing department: Product safety department. msds@wakol.de
- **1.4 Emergency telephone number:** Emergency CONTACT (24-Hour-Number): GBK GmbH Global Regulatory Compliance +49 (0)6132-84463

SECTION 2: Hazards identification

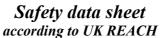
- 2.1 Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008 The product is not classified, according to the GB CLP regulation.
- The product is not classified, according to the GB CLF regulation.
- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- Additional information:
- Contains a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H isothiazol-3-one [EC No 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. Safety data sheet available on request.
- · 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:** Adhesive

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Trade name: WAKOL D 3319 LVT Flooring Adhesive, fibre-containing

· Dangerous components: CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one < 0.1% *EINECS: 220-120-9 Eye Dam. 1, H318; Aquatic Acute 1, H400; Reg.nr.: 01-2120761540-60 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1,* EINECS: 220-120-9 *H*317 Specific concentration limit: Skin Sens. 1; H317: $C \ge 0.05$ % CAS: 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H-isothiazol-3-one $[EC \ge 0.00025 - <0.0025\%]$ EC number: 611-341-5 No 247-500-7] and 2-methyl-2 H-isothiazol-3-one [EC No Reg.nr.: 01-2120764691-48 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; 🚱 Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); 🕐 Skin Sens. 1A, H317, EUH071 Specific concentration limits: *Skin Corr.* 1*C*; *H*314: *C* ≥0.6 % *Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318:* $C \ge 0.6 \%$ *Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens.* 1*A*; *H*317: *C* ≥ 0.0015 %

· Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

• 4.1 Description of first aid measures

· After inhalation Supply fresh air; consult doctor in case of complaints.

• After skin contact Immediately wash with water and soap and rinse thoroughly.

• After eye contact Rinse opened eye for several minutes under running water.

• After swallowing Do not induce vomiting; call for medical help immediately.

• 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.

Use fire extinguishing methods suitable to surrounding conditions.

• 5.2 Special hazards arising from the substance or mixture No further relevant information available.

• 5.3 Advice for firefighters

· Protective equipment: Mount respiratory protective device.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation (Contd. on page 3)



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• 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Dilute with plenty of water.

• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 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 No special precautions are necessary if used correctly. • Information about protection against explosions and fires: No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage

- Requirements to be met by storerooms and containers: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions:

Protect from frost.

Store in cool, dry conditions in well sealed receptacles.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with critical 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.

- Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- *General protective and hygienic measures The usual precautionary measures are to be adhered to when handling chemicals.*
- Wash hands before breaks and at the end of work.
- Breathing equipment: Not necessary if room is well-ventilated.
- · Hand protection



Protective gloves

Preventive skin protection by use of skin-protecting agents is recommended.

· Material of gloves

Rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· 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.

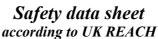
• Eye/face protection

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		
· Colour:	Whitish	
· Smell:	Weak, characteristic	
· Odour threshold:	Not determined.	
· Melting point/freezing point:	Undetermined.	
	Ondelermined.	
· Boiling point or initial boiling point and boiling	100 °C	
range Elanmability		
· Flammability	Not applicable.	
· Lower and upper explosion limit	Not determined	
· Lower:	Not determined.	
Upper:	Not determined.	
Flash point:	Not applicable.	
• Decomposition temperature:	Not determined.	
· pH at 20 °C	7.8 (ISO 976)	
Viscosity:		
Kinematic viscosity	Not determined.	
· kinematic (calculated) at 40°C:	(1000 D (100 2555)	
· dynamic at 20 °C:	64000 mPas (ISO 2555)	
· Solubility		
· Water:	Fully miscible.	
· Partition coefficient n-octanol/water (log value)	Not determined.	
· Steam pressure at 20 °C:	24 hPa	
• Density and/or relative density		
· Density at 20 °C	1.35 g/cm ³ (EN ISO 2811-1)	
· Relative density	Not determined.	
· Vapour density	Not determined.	
• 9.2 Other information		
· Appearance:		
· Form:	Pasty	
· Important information on protection of health an	-	
environment, and on safety.	u	
· Self-inflammability:	Product is not selfigniting.	
· Explosive properties:	Product does not present an explosion hazard.	
· VOC	0.00 %	
· Solids content:	70.9 % (DIN EN 827.8.2)	
Souns content.	(Contd. on page 5)	

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Change in condition		
Evaporation rate	Not determined.	
Information with regard to physical hazard	classes	
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flamm	able	
gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

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.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.

• 10.4 Conditions to avoid No further relevant information available.

- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values that are relevant for classification:

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral LD50 1,193 mg/kg (Rat)

Dermal LD50 4,115 mg/kg (Rat)

55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H isothiazol-3-one [EC No 220-239-6] (3:1)

Oral LD50 66 mg/kg (Rat)

Dermal LD50 141 mg/kg (Rat)

· 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.

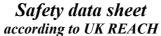
· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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Trade name: WAKOL D 3319 LVT Flooring Adhesive, fibre-containing

- · 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.
- \cdot 11.2 Information on other hazards
- Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

• Aquatic toxicity:

2634-33-5 1,2-benzisothiazol-3(2H)-one

LC50/96h 2.18 mg/l (Oncorhynchus mykiss)

2.2 mg/l (Lepomis macrochirus)

EC50/18h 0.4 mg/l (Pseudomonas putida)

EC50/48h 2.94 mg/l (Daphnia magna)

EC50/72h 0.067 mg/l (Pseudokirchneriella subcapitata)

EC0 1 mg/l (Daphnia magna)

55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H - isothiazol-3-one [EC No 220-239-6] (3:1)

NOEC/48h 0.00064 mg/l (Skeletonema costatum)

NOEC/21d 0.004 mg/l (Daphnia magna)

LC50/96h 0.188 mg/l (Oncorhynchus mykiss)

EC20/3h 0.97 mg/l (sludge)

EC50/48h 0.126 mg/l (Daphnia magna)

EC50/3h 7.92 mg/l (sludge) (OECD 209)

EC50/72h 0.048 mg/l (Pseudokirchneriella subcapitata)

EC50/96h 0.22 mg/l (Oncorhynchus mykiss)

NOEC/72h 0.0012 mg/l (Pseudokirchneriella subcapitata)

· 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.

- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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(Contd. of page 6) Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations.

- · Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleaning agent: Water, if necessary together with cleansing agents.

SECTION 14: Transport information		
· 14.1 UN number or ID 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, IMDĞ, IATA	Void	
· 14.5 Environmental hazards:		
· Marine pollutant:	No	
· 14.6 Special precautions for user	Not applicable.	
· 14.7 Maritime transport in bulk according	to IMO	
instruments	Not applicable.	
· Transport/Additional information:	Not dangerous according to the above specifications.	
· UN "Model Regulation":	Void	

SECTION 15: Regulatory information

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

· Poisons Act

- · Regulated explosives precursors
- None of the ingredients is listed.
- · Regulated poisons
- None of the ingredients is listed.

· <u>Reportable explosives precursors</u>

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· National regulations

· GEV-Guidline/EMICODE: EC 1 plus, "very low emission"

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VOC (EU) 0.0 g/l

· 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.

· Relevant phrases

- H301 Toxic if swallowed. H302 Harmful if swallowed. H310 Fatal in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. *H318* Causes serious eye damage. Causes serious eye irritation. H319 *H330* Fatal if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. EUH071 Corrosive to the respiratory tract. • 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) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity - Category 4 Acute Tox. 2: Acute toxicity - Category 2
- Skin Corr. 1C: Skin corrosion/irritation Category 1C
- Skin Irrit. 2: Skin corrosion/irritation Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

- Skin Sens. 1: Skin sensitisation Category 1
- Skin Sens. 1A: Skin sensitisation Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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