

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 1/9



## Schmucksteinkleber

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

#### \* 1.1. Product identifier

**Trade name/designation:**

Schmucksteinkleber

**Article No.:**

12030

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of the substance/mixture:**

Adhesives

#### 1.3. Details of the supplier of the safety data sheet

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

Max Bringmann KG

Qualitätsmanagement

Johann-Höllfritsch-Str. 37

90530 Wendelstein

Germany

**Telephone:** +49 9129 277 0

**E-mail:** qualitaetsmanagement@folia.de

**Website:** www.folia.de

**E-mail (competent person):** qualitaetsmanagement@folia.de

#### 1.4. Emergency telephone number

Qualitätsmanagement, +49 9129 277 0 (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### \* 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazard components for labelling:**

1,2-benzisothiazol-3(2H)-one; Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un

**Hazard statements:** none

##### Supplemental hazard information

EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
EUH208	Contains KATHON CG. May produce an allergic reaction.

**Precautionary statements:** none

#### \* 2.3. Other hazards

**Other adverse effects:**

Results of PBT and vPvB assessment: not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 2/9



## Schmucksteinkleber

### SECTION 3: Composition/information on ingredients

#### \* 3.2. Mixtures

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6 REACH No.: 01-2120761540-60	<b>1,2-benzisothiazol-3(2H)-one</b> Acute Tox. 2 (H330), Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Irrit. 2 (H315), Skin Sens. 1A (H317) Danger M-factor (acute): 1 M-factor (chronic): 1 <b>Specific concentration limit (SCL)</b> Skin Sens. 1; H317: C ≥ 0.036% <b>Acute Toxicity Estimate</b> ATE (oral) 450 mg/kg ATE (inhalation, dust/mist) 0.21 mg/L	< 0.05 weight-%
CAS No.: 55965-84-9 REACH No.: 01-2120764691-48	<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un</b> Acute Tox. 3 (H301, H311, H331), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Skin Corr. 1B (H314), Skin Sens. 1 (H317) Danger <b>Specific concentration limit (SCL)</b> Skin Corr. 1B; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06% ≤ C < 0.6% Eye Irrit. 2; H319: 0.06% ≤ C < 0.6% Skin Sens. 1; H317: C ≥ 0.0015% <b>Acute Toxicity Estimate</b> ATE (oral) = 53 mg/kg ATE (dermal) 300 mg/kg ATE (inhalation, vapour) 3 mg/L ATE (inhalation, dust/mist) 0.5 mg/L	< 0.0015 weight-%

Full text of H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### \* 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

##### Following inhalation:

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

##### In case of skin contact:

If skin irritation or rash occurs: Get medical advice/attention.

##### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

#### \* 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. Treat symptomatically.

### SECTION 5: Firefighting measures

#### \* 5.1. Extinguishing media

##### Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 3/9



## Schmucksteinkleber

### \* 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

### \* 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### \* 5.4. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

### \* 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

No special measures are necessary.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Dilute with plenty of water. Do not allow to enter into surface water or drains.

### \* 6.3. Methods and material for containment and cleaning up

##### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

##### For cleaning up:

No special measures are necessary.

### \* 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

## SECTION 7: Handling and storage

### \* 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

No special measures are necessary. Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

No special measures are necessary.

### \* 7.2. Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

##### Requirements for storage rooms and vessels:

Protect against: Frost Heat. storage temperature 10-25°C

##### Hints on storage assembly:

No special measures are necessary.

**Storage class (TRGS 510, Germany):** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

##### Further information on storage conditions:

No further relevant information available.

### \* 7.3. Specific end use(s)

#### Recommendation:

none

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 4/9



## Schmucksteinkleber

### SECTION 8: Exposure controls/personal protection

#### \* 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	<b>① Long-term occupational exposure limit value</b> <b>② Short-term occupational exposure limit value</b> <b>③ Instantaneous value</b> <b>④ Monitoring and observation processes</b> <b>⑤ Remark</b>
DFG (DE) from 1 Jul 2024	<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un</b> CAS No.: 55965-84-9	① 0.2 mg/m <sup>3</sup> ⑤ (einatembare Fraktion) Gemisch aus cas 26172-55 und 2682-20

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

No data available

#### \* 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

See section 7. No additional measures necessary.

##### 8.2.2. Personal protection equipment

###### Respiratory protection:

No special measures are necessary.

##### 8.2.3. Environmental exposure controls

No data available

### SECTION 9: Physical and chemical properties

#### \* 9.1. Information on basic physical and chemical properties

###### Appearance

**Physical state:** Liquid

**Colour:** whitish

**Odour:** Mild

**flammability:** No data available

###### Safety relevant basis data

Parameter	Value	at °C	<b>① Method</b> <b>② Remark</b>
pH	8.5	20 °C	
Melting point	> 0 °C		
Freezing point	< 0 °C		
Initial boiling point and boiling range	<i>No data available</i>		
Flash point	<i>not applicable</i>		
Evaporation rate	<i>No data available</i>		
Auto-ignition temperature	<i>No data available</i>		
Upper/lower flammability or explosive limits	0.6 - 7 Vol-%		
Vapour pressure	23 hPa	20 °C	
Vapour density	<i>No data available</i>		
Density	1.05 g/cm <sup>3</sup>	20 °C	
Bulk density	<i>not applicable</i>		
Water solubility	completely miscible		
Dynamic viscosity	4,500 mPa* s	20 °C	
Kinematic viscosity	<i>No data available</i>		

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 5/9



## Schmucksteinkleber

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

No known hazardous decomposition products.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 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 known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

1,2-benzisothiazol-3(2H)-one	CAS No.:	2634-33-5	EC No.:	220-120-9
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ATE (oral) <sup>1</sup> :	450 mg/kg
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ATE (inhalation, dust/mist) <sup>1</sup> :	0.21 mg/L
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Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un	CAS No.:	55965-84-9
---	----------	------------

LD <sub>50</sub> oral:	=53 mg/kg (Rat) GESTIS
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<sup>1</sup>: Acute Toxicity Estimate. Harmonised (legal) classification.

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### 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.

#### 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.

#### Additional information:

No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 6/9



## Schmucksteinkleber

### \* 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### \* 12.1. Toxicity

<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un</b>	CAS No.: 55965-84-9
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<b>LC<sub>50</sub>:</b> ≥0.19 – ≤2.13 mg/L 2 d (fish) GESTIS
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<b>LC<sub>50</sub>:</b> =0.56 mg/L 2 d (crustaceans) GESTIS
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<b>EC<sub>50</sub>:</b> ≥0.18 – ≤13 mg/L 2 d (crustaceans) GESTIS
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#### Aquatic toxicity:

No further relevant information available.

### \* 12.2. Persistence and degradability

#### Additional information:

No further relevant information available.

### \* 12.3. Bioaccumulative potential

#### Bioconcentration factor (BCF):

No further relevant information available.

### \* 12.4. Mobility in soil

No further relevant information available.

### \* 12.5. Results of PBT and vPvB assessment

<b>1,2-benzisothiazol-3(2H)-one</b>	CAS No.: 2634-33-5	EC No.: 220-120-9
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<b>Results of PBT and vPvB assessment:</b>	—
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<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un</b>	CAS No.: 55965-84-9
--	---------------------

<b>Results of PBT and vPvB assessment:</b>	—
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Results of PBT and vPvB assessment: not applicable

## 12.6. Endocrine disrupting properties

No data available

### \* 12.7. Other adverse effects

No further relevant information available.

## SECTION 13: Disposal considerations

### \* 13.1. Waste treatment methods

#### Waste treatment options

#### Appropriate disposal / Package:

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 7/9



## Schmucksteinkleber

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

\* **14.7. Maritime transport in bulk according to IMO instruments**  
not applicable

## SECTION 15: Regulatory information

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

### 15.1.1. EU legislation

No data available

### 15.1.2. National regulations

#### [DE] National regulations

##### Water hazard class

WGK:

1 - slightly hazardous to water

### 15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

\* **16.1. Indication of changes**

1.1.	Product identifier
2.2.	Label elements
2.3.	Other hazards
3.2.	Mixtures
4.1.	Description of first aid measures
4.2.	Most important symptoms and effects, both acute and delayed
4.3.	Indication of any immediate medical attention and special treatment needed
5.1.	Extinguishing media
5.2.	Special hazards arising from the substance or mixture
5.3.	Advice for firefighters
5.4.	Additional information
6.1.	Personal precautions, protective equipment and emergency procedures
6.3.	Methods and material for containment and cleaning up
6.4.	Reference to other sections
6.5.	Additional information
7.1.	Precautions for safe handling
7.2.	Conditions for safe storage, including any incompatibilities
7.3.	Specific end use(s)
8.1.	Control parameters
8.2.	Exposure controls
9.1.	Information on basic physical and chemical properties
11.2.	Information on other hazards
12.1.	Toxicity
12.2.	Persistence and degradability
12.3.	Bioaccumulative potential

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 8/9



## Schmucksteinkleber

12.4.	Mobility in soil
12.5.	Results of PBT and vPvB assessment
12.7.	Other adverse effects
13.1.	Waste treatment methods
14.3.	Transport hazard class(es)
14.7.	Maritime transport in bulk according to IMO instruments
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
15.3.	Additional information
16.1.	Indication of changes
16.4.	Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

## 16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC <sub>50</sub>	Effective Concentration 50%
EN	European Standard
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
KG	body weight
LC <sub>50</sub>	Lethal (fatal) Concentration 50%
LD <sub>50</sub>	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

## 16.3. Key literature references and sources for data

No data available

## \* 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic 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.
H319	Causes serious eye irritation.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 2 Oct 2024

**Print date:** 17 Nov 2025

**Version:** 2

Page 9/9



## Schmucksteinkleber

### Hazard statements

H330	Fatal if inhaled.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available

\* Data changed compared with the previous version.