



# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

Contains 1,2-benzisothiazol-3(2H)-one  
2-methyl-2H-isothiazol-3-one  
Bronopol (INN)

As active ingredients for storage protection IAW Biocidal Products Regulation (Regulation (EU) no. 528/2012)

## 2.3 Other hazards

Results of PBT and vPvB assessment:  
not applicable.

## 03. Composition / Information on Components

### 3.2 Mixtures

Chemical characterisation: Synthetic resin adhesive

#### Hazardous ingredients

Chemical designation	CAS no. EC no. Registration no.	Classification (67/548/EEC)	Classification (Regulation (EC) no. 1272/2008)	Concentration (%)
Bronopol (INN)	52-51-7 200-143-0	Xn; R21/22 Xi; R37/38-R41  N; R50	Acute Tox. 4; H312 Acute Tox. 4; H302 Eye Dam.1; H318 STOT SE3; H335 Skin Irrit.2; H315 Aquatic Acute1; H400	< 0.1

Abbreviations are explained under section 16.

## 04. First Aid Measures

### 4.1 Description of first aid measures

#### General information

In case of accident or indisposition, consult a physician immediately (show this label, if possible).  
Never give anything by mouth to an unconscious person. If unconscious, place person in recovery position and seek medical advice.

#### If inhaled

Move person to fresh air. Keep the affected person in a warm and quiet place.  
In case of irregular breathing or respiratory arrest, provide artificial respiration.  
If symptoms persist, call a physician.

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

---

## Skin contact

Take off immediately all contaminated clothing and shoes. Wash immediately with soap and plenty of water.

DO NOT use solvents or thinners. If symptoms persist, call a physician.

Wash contaminated clothing prior to reuse.

## Eye contact

After eye contact, remove contact lenses. Rinse eyes immediately for at least 15 minutes, also under the eye lids, using plenty of water. Consult a physician.

## If swallowed

Rinse mouth with water and drink plenty of water afterwards.

Do not induce vomiting. Consult a physician. Keep still.

## 4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available

## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Symptomatic treatment  
No information available

## 05. Measures for Fire Fighting

### 5.1. Extinguishing media

Suitable extinguishing media:

Alcohol-resistant foam

Carbon dioxide (CO<sub>2</sub>)

Dry chemicals

Water spray

Unsuitable extinguishing media:

Full water jet

### 5.2 Special hazards arising from the substance or mixture

The following can be released in case of fire:

Carbon monoxide

Carbon dioxide (CO<sub>2</sub>)

Nitric oxides (NO<sub>x</sub>)

Inhaling decomposition products can result in damage to your health.

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

---

## 5.3 Advice for fire fighters

In case of fire, wear self-contained breathing apparatus, if necessary.

### Additional information

Cool closed receptacles with water spray jet.

Dispose of fire debris and contaminated extinguishing water in accordance with local authority regulations.

## 06. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Do not inhale fumes.

### 6.2 Environmental protection measures

Prevent product from entering drains, water courses or soil. In the event of contaminated waters or sewers, notify the authorities in charge.

### 6.3 Methods and material for containment and cleaning up

Contain and remove leaking material with non-combustible, absorbing material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national legal regulations (see section 13). Sweep up and remove material. Clean with detergents. Avoid solvents. Dispose of contaminated material as waste according to item 13. Clean contaminated surfaces thoroughly.

### 6.4 Reference to other sections

See protective measures under items 7 and 8.

## 07. Handling and Storage

### 7.1 Precautions for safe handling

#### Safe handling instructions:

Avoid contact with eyes, mouth or bare skin.

Prevent access of unauthorized persons. Ensure adequate air exchange and/or exhaust in work rooms.

Comply with legal protection and safety regulations.

#### Hygiene measures:

Wash hands before breaks and at end of work.

Do not eat, drink or smoke during work.

Avoid contact with skin or eyes. Take off contaminated clothing and gloves and wash (off) before reuse, also on the inside.

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

## 7.2 Conditions for safe storage, including any incompatibilities

### Requirements of storage rooms and receptacles

Close opened containers carefully and store them upright to prevent any leakages. Store in original receptacle. Store in a dry place. Observe directions on label. Protect from frost, heat and sun radiation.

### Precautions against fire and explosion

Hazardous decomposition products might form under high temperatures (e.g. carbon dioxide, carbon monoxide and smoke).

### Precautions against combined storage

Keep away from oxidants and strongly acidic or alkaline materials.

### Storage category

12 – Non-combustible liquids

## 7.3 Specific end uses

For further information, see also Technical Data Sheet on the product.

## 08. Limitation and Monitoring of Exposure / Personal Protection Equipment

### 8.1 Control parameters

#### Occupational exposure limit value(s)

Contains no substances with occupational exposure limit values.

### 8.2 Limitation and monitoring of exposure

#### Appropriate engineering controls

Ensure adequate ventilation; use or install internal exhaust systems, if necessary.

#### Individual protection measures, for example personal protection equipment

a) Eye/face protection

Tightly sealing goggles  
Eye wash bottle with pure water

b) Skin protection

Hand protection

Penetration time: 480 min  
Minimum thickness: 0.4 mm  
Nitrile rubber gloves, e.g.: KCL 730 or equivalent

Skin which will come into contact with the product should be treated with barrier creams. They should never be used after contact.

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

The protective gloves to be used must comply with the specifications of the EC Directive 89/686/EEC and the standard EN 374 arising from it.

Selecting an appropriate glove depends not only on the material but also on other quality criteria and differs from manufacturer to manufacturer.

## Body protection

Impervious protective clothing  
Wash skin thoroughly after contact.

## c) Respiratory protection

Normally no need of personal respiratory protective equipment. Use respiratory protective equipment in case of insufficient ventilation. For spatterwork, users should wear a P2 particle filter.

## Limitation and monitoring of environmental exposure

### General information

Prevent product from entering drains, water courses or soil. In the event of contaminated waters or sewers, notify the authorities in charge.

## 09. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance	Paste
Colour	White
Odour	Weak, characteristic
Odour threshold	No data available
pH value	Approx. 8, 20 °C
Melting / freezing point	Not applicable
Boiling point / range	Not applicable
Flashpoint	> 100 °C
Evaporation rate	Not applicable
Flammability (solid, gas)	Product is not inflammable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	Approx. 1.1 g/cm <sup>3</sup> , 20 °C
Solubility (water)	Fully miscible
Partition coefficient: n- Octanol/water	Not defined
Autoignition temperature	Not self-igniting
Ignition temperature	No data available

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

---

Decomposition temperature	No data available
Viscosity, dynamic	Approx. 5,200 mPa.s, 20 °C
Explosive properties	Not explosive
Oxidising properties	Not applicable

## 9.2 Other information

Flow time	No data available
-----------	-------------------

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	No information available
---------------------	--------------------------

### 10.4 Conditions to be avoided

Conditions to be avoided	Stable if the recommended instructions for storage and handling are observed (see section 7).
--------------------------	---

### 10.5 Incompatible materials

Substances to avoid	Strong acids and strong bases Strong oxidants
---------------------	--

### 10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if stored and applied as intended.

Decomposition temperature	No data available
---------------------------	-------------------

## 11. Toxicological Information

### Product:

Acute oral toxicity	Classification criteria not fulfilled based on data available.
---------------------	--

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

---

Acute inhalative toxicity	Classification criteria not fulfilled based on data available.
Acute dermal toxicity	Classification criteria not fulfilled based on data available.
Corrosive/irritant effect on skin	Classification criteria not fulfilled based on data available.
Serious eye damage / eye irritation	Classification criteria not fulfilled based on data available.
Sensitisation of respiratory tract / skin	Classification criteria not fulfilled based on data available.
Germ cell mutagenicity	
Genotoxicity in vitro	Classification criteria not fulfilled based on data available.
Carcinogenicity	Classification criteria not fulfilled based on data available.
Reproduction toxicity	
Effect on fertility	Classification criteria not fulfilled based on data available.
Developmental toxicity	Classification criteria not fulfilled based on data available.
Specific target organ toxicity for single exposure	Classification criteria not fulfilled based on data available.
Specific target organ toxicity for multiple exposure	Classification criteria not fulfilled based on data available.
Aspiration hazard	Classification criteria not fulfilled based on data available.
Experience with humans	Repeated or prolonged contact with the product may cause removal of the natural fat from the skin resulting in non-allergic contact damage (contact dermatitis) and/or substance absorption. Hazard of irritation of eyes, skin, nose, throat and airways.
Further information	The product has not been tested as such. The mixture is classified IAW Annex I to Directive (EC) 1272/2008. (For details, see sections 2 and 3)

## Ingredients

### **Bronopol (INN):**

Acute oral toxicity	Harmful if swallowed.
Acute dermal toxicity	Harmful in contact with skin.
Corrosive/irritant effect on skin	Causes skin irritation.

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

Serious eye damage /  
irritation Causes serious eye damage.  
Specific target organ toxicity  
in single exposure Route of exposure: Inhaled.  
May cause respiratory irritation.

## **12. Environmental Information**

### **12.1 Toxicity**

#### **Product:**

Toxicity to fish No data available

#### **Ingredients:**

##### **Bronopol (INN):**

Toxicity to fish LC50 (Iepomis macrochirus (sunfish)): 11 mg/l  
Exposure time: 96 hrs

Toxicity to daphnia  
and other aquatic invertebrates EC50 (Daphnia (water flea)): 1.4 mg/l  
Wassertieren Exposure time 48 hrs

Toxicity to algae EC50 (Pseudokirchneriella subcapitata (Selenastrum capricornutum)):  
0.25 mg/l  
Exposure time: 72 hrs  
Type of testing: static test  
Method: OECD test guideline 201

M factor (acute aquatic  
toxicity) 10

Toxicity to bacteria EC50 (bacteria): > 50 mg/l

### **12.2 Persistence and degradability**

#### **Product:**

Biodegradability No data available

#### **Ingredients:**

##### **Bronopol (INN):**

Biodegradability Result: rapidly degradable

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

## 12.3 Bioaccumulation potential

### Product:

Bioaccumulation No data available

### Ingredients:

#### **Bronopol (INN):**

Bioaccumulation Bioaccumulation is unlikely

## 12.4 Mobility in soil

### Product:

Mobility No data available

## 12.5 Results of PBT and vPvB assessment:

### Product:

Assessment This substance / this mixture does not contain any components, in concentrations of 0.1 % or higher, that are classified to be either very persistent or very bioaccumulative (vPvB).

## 12.6 Other adverse effects

### Product:

Other ecological information Do not allow product to enter groundwater, waters or sewers. For water hazard class, see item 15 of the Safety Data Sheet.

## 13. Notes on Disposal

### 13.1 Waste treatment procedures

Product The user is responsible for the proper encoding and designation of any waste generated. If used as recommended, the waste code can be selected in accordance with the code of the European Waste Catalogue (EWC), category 17.09 - Other construction and demolition wastes. Allow plaster residues to dry or thicken using cement-containing binding agents.

Dispose of non-hardened product residues under the recommended waste code number.

Contaminated packaging Packaging without residues is recycled via disposal systems.

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

---

Waste code for the unused product 08 01 12: Waste paints and varnishes with the exception of those that fall under 08 01 11.

## **14. Transport Information**

**14.1 UN number** Not classified as hazardous cargo  
**14.2 UN proper shipping name** Not classified as hazardous cargo  
**14.3 Transport hazard classes** Not classified as hazardous cargo  
**14.4 Packaging group** Not classified as hazardous cargo  
**14.5 Environmental risks** Not classified as hazardous cargo  
**14.6 Special precautions for user**

Notes No information available

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

Notes Not applicable

## **15. Legal Provisions**

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

Ordinance on industrial safety and health Not applicable

Water hazard class WGK 1 - slightly hazardous to water

GISBAU No data available

Directive 2004/42/EC Not subject to directive 2004/42/EC

Other regulations Comply with legal protection and safety regulations.

### **15.2 Chemical safety assessment**

No information available

## **16. Miscellaneous Information**

### **Further information**

# Safety Data Sheet SDS 108

in compliance with directive (EC) no. 1907/2006



Trade name: Vogl Flüssigkleber (liquid glue)  
Revised on: 01/01/2016

---

Any changes compared to the previous version are identified by a marking on the left margin. The information provided in this Safety Data Sheet is based on the present state of our knowledge and complies with national and EU legislation. The user's working conditions, however, are beyond our knowledge and control. The user is responsible for complying with all the necessary legal requirements. The information provided in this Safety Data Sheet describes the safety requirements of our product and do not represent any assurance of product properties.

Division issuing the data sheet

Product management  
Vogl Deckensysteme GmbH, D-91448 Emskirchen