



Hahnemühle

# SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

## Hahnemühle Varnish

Material number HM-HM02

Revision date: 5/4/2017

Version: 1

Language: en-US

Date of print: 5/10/2017

Page: 1 of 7

## 1. Product and company identification

### Product identifier

Trade name: Hahnemühle Varnish  
This safety data sheet pertains to the following products:  
Hahnemühle Varnish Glossy  
Hahnemühle Varnish Satin  
Hahnemühle Varnish Matt

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

General use: Protecting agent

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

Company name: Hahnemühle FineArt GmbH  
Street/POB-No.: Hahnestr. 5  
Postal Code, city: 37586 Dassel  
Germany  
WWW: [www.hahnemuehle.com](http://www.hahnemuehle.com)  
E-mail: [tfa@hahnemuehle.com](mailto:tfa@hahnemuehle.com)  
Telephone: +49 (0)55 61 791-235  
Telefax: +49 (0)55 61 791-340  
Dept. responsible for information:  
Sales and Marketing  
Telephone: +49 (0) 5561-791-237  
Telefax: +49 (0) 5561-791-377  
E-mail: [dfa@hahnemuehle.com](mailto:dfa@hahnemuehle.com)

### Emergency phone number

**GIZ-Nord, Göttingen, Germany,  
Telephone: +49 551-19240**

## 2. Hazards identification

### Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid  
Color: colorless-white  
Odor: characteristic  
Classification: This material is classified as not hazardous.

### Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

### Hazards not otherwise classified

see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterization: Water, copolymer-dispersion, additive



## Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 2634-33-5	1,2-Benzisothiazol-3(2H)-one	< 0.05 %	Acute Toxicity - oral - Category 4. Skin Irritation - Category 2. Eye Damage - Category 1. Sensitization - skin - Category 1. Aquatic toxicity - acute - Category 1.
CAS 2682-20-4	2-Methyl-2H-isothiazol-3-one	< 0.05 %	Acute Toxicity - oral - Category 4. Acute Toxicity - inhalative - Category 3. Skin Corrosion - Category 1B. Sensitization - skin - Category 1. Specific Target Organ Toxicity (Single Exposure) - Category 3. Aquatic toxicity - acute - Category 1.
CAS 26172-55-4	5-Chloro-2-methyl-2H-isothiazol-3-one	< 0.0006 %	Acute Toxicity - oral - Category 3. Acute Toxicity - dermal - Category 3. Acute Toxicity - inhalative - Category 3. Skin Corrosion - Category 1B. Sensitization - skin - Category 1. Aquatic toxicity - chronic - Category 1.

**4. 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).
In case of inhalation:	Move victim to fresh air. Seek medical aid in case of troubles.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician. Take off contaminated clothing and wash it before reuse.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.
After swallowing:	Rinse mouth thoroughly with water. Consult physician.

**Most important symptoms/effects, acute and delayed**

May cause allergic reactions in already sensitized persons.

**Information to physician**

Treat symptomatically.

**5. Fire fighting measures**

Flash point/flash point range:	No data available
Auto-ignition temperature:	No data available
Suitable extinguishing media:	Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

**Specific hazards arising from the chemical**

On heating or in case of fire toxic gases may form. In case of fire may be liberated: nitrogen oxides (NO<sub>x</sub>), carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.



Additional information: Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

## 6. Accidental release measures

Personal precautions: Provide adequate ventilation. Do not breathe vapors. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Avoid contact with the substance. Keep unprotected people away.

Environmental precautions: Do not allow to enter into ground-water, surface water or drains.

Methods for clean-up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Final cleaning. Wash spill area with plenty of water.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin and eyes. Do not breathe vapors. Wear appropriate protective equipment. Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash it before reuse.

Precautions against fire and explosion: No special measures are required.

### Storage

Requirements for storerooms and containers: Store only in original container. Protect from frost. Protect from heat and direct sunlight. storage temperature: 77 °F. Relative air humidity: 35-65%.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

## 8. Exposure controls / personal protection

### Engineering controls

Provide good ventilation and/or an exhaust system in the work area.  
See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection: Wear suitable protective clothing.  
Protective gloves according to OSHA Standard - 29 CFR: 1910.138  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.



## General hygiene considerations:

Avoid contact with skin and eyes. Do not breathe vapors. Take off contaminated clothing and wash it before reuse. Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Protect skin by using skin protective cream.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: liquid Color: colorless-white
Odor:	characteristic
Odor threshold:	No data available
pH value:	8 - 10
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	1.1 - 1.2 g/mL
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Additional information:	No data available

## 10. Stability and reactivity

Reactivity:	Refer to dangerous reactions
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	No dangerous reactions with proper and specified storage and handling.
Conditions to avoid:	Protect from frost. Protect from heat and direct sunlight.
Incompatible materials:	No data available
Hazardous decomposition products:	No hazardous decomposition products when regulations for storage and handling are observed.
Thermal decomposition:	No data available



## 11. Toxicological information

### Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.  
Acute toxicity (oral): Based on available data, the classification criteria are not met.  
Acute toxicity (dermal): Based on available data, the classification criteria are not met.  
Acute toxicity (inhalative): Based on available data, the classification criteria are not met.  
Skin corrosion/irritation: Lack of data.  
Eye damage/irritation: Lack of data.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Based on available data, the classification criteria are not met.  
Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one and 5-Chloro-2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Based on available data, the classification criteria are not met.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

Other information: For carcinogenic effects:  
Information about 1,2-Benzisothiazol-3(2H)-one:  
IARC-Classification code: group 3  
OSHA - Carcinogen: not listed ingredient  
NTP - classification: not listed ingredient  
Information about 2-Methyl-2H-isothiazol-3-one:  
IARC-Classification code: group 3  
OSHA - Carcinogen: not listed ingredient  
NTP - classification: not listed ingredient  
Information about 5-Chloro-2-methyl-2H-isothiazol-3-one:  
IARC-Classification code: group 3  
OSHA - Carcinogen: not listed ingredient  
NTP - classification: not listed ingredient

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Mobility in soil

No data available

### Persistence and degradability

Further details: Product is partially biodegradable.

**Additional ecological information**

Volatile organic compounds (VOC):

0 % by weight

General information: Do not allow to enter into ground-water, surface water or drains.

**13. Disposal considerations****Product**

Recommendation: Dispose of waste according to applicable legislation. With due observance of the regulations laid down by the local authorities, this must be brought to a suitable incineration plant/waste disposal site.

**Contaminated packaging**

Recommendation: Dispose of waste according to applicable legislation.  
Handle contaminated packages in the same way as the substance itself.  
Non-contaminated packages may be recycled.

**Additional information**

Discharge into the environment must be avoided.

**14. Transport information****USA: Department of Transportation (DOT)**

Proper shipping name: Not restricted

**Sea transport (IMDG)**

Proper shipping name: Not restricted

Marine pollutant: no

**Air transport (IATA)**

Proper shipping name: Not restricted

**Further information**

No dangerous good in sense of these transport regulations.

**15. Regulatory information****National regulations - U.S. Federal Regulations**

1,2-Benzisothiazol-3(2H)-one:	TSCA Inventory: listed TSCA HPVC: not listed TSCA: listed
2-Methyl-2H-isothiazol-3-one:	TSCA Inventory: listed; EPA flags P; S TSCA HPVC: not listed
5-Chloro-2-methyl-2H-isothiazol-3-one:	TSCA Inventory: listed; EPA flags P; S TSCA HPVC: not listed

**National regulations - Great Britain**

Hazchem-Code: -



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### 16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 0 (Minimal)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 0 (Minimal)

Physical Hazard: 0 (Minimal)

Personal Protection: H

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
H	

Date of first version: 5/4/2017

#### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.