

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020  
Version: 7.0.0

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

#### 1.1. Product identifier

Trade name: H2O Floor Paint 0567

#### Article no

Article no	Description
0567	

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

Recommended uses: Surface treatment of wood and concrete

Inadvisable uses: The product is recommended for only the above described uses.

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

##### Supplier

Company: Esbjerg Farve- & Lakfabrik A/S  
Address: Energivej 13  
Zip code: DK-6700  
City: Esbjerg  
Country: DENMARK  
E-mail: info@esbjergpaints.dk  
Phone: 0045 75 12 86 00  
Fax: 0045 75 45 33 68  
Homepage: www.esbjergpaints.dk

#### 1.4. Emergency Telephone Number

GB: +44 1215074123 (Advice and guidance ) (Around the clock)

### SECTION 2: Hazards identification

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

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

#### 2.2. Label elements

##### Supplemental information

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

VOC: This product contains a maximum of 47 g VOC/L. The limit value is 140 g VOC/L (cat. A/i)

#### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

2-(2-butoxyethoxy) ethanol	112-34-5	203-961-6	01-2119475104-44	2.5 - 5%		Eye Irrit. 2;H319
1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9		< 0.01%		Acute Tox. 4;H302 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Dam. 1;H318 Aquatic Acute 1;H400

Please see section 16 for the full text of H-phrases.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation:</b>	Treatment is not usually necessary.
<b>Ingestion:</b>	Give large quantities of milk or water to drink. DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Call for medical attention/ambulance.
<b>Skin contact:</b>	Remove contaminated clothes immediately, and wash skin thoroughly with soap and water. Skin cleaner may be used. Clothing/footwear must be cleaned before use again. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Remove contact lenses. Rinse the eye with water immediately. Hold eyelids wide apart. Get medical attention if any discomfort continues.
<b>Burns:</b>	Product is non-flammable.
<b>General:</b>	If in doubt, seek medical advice. Also see para. 1 In case of accident: Seek medical advice. Show the label or this safety datasheet, if possible.

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

No known symptoms.

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

Seek medical advice in case of discomfort. Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Non-flammable material.
<b>Unsuitable extinguishing media:</b>	Non-flammable material.
<b>Extinguishing methods:</b>	Non-flammable material.

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

The product is not flammable.

#### 5.3. Advice for fire-fighters

Non-flammable material.

**Other Information:** Remove container from area of fire and cool with water spray.

### SECTION 6: Accidental release measures

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

**For non-emergency personnel:** Personal protective equipment: Refer to section 8. Ensure sufficient ventilation. Washing

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

and flushing facilities must be available. Ensure sufficient ventilation. Try to stop the emission.

**For emergency responders:** Personal protective equipment: Refer to section 8.

### 6.2. Environmental precautions

If lakes, waterways or drains become contaminated, inform the environmental authorities. Keep people away and warn of slippery ground. Cover drains. Minimize contamination of groundwater.

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

Collect using absorbent, incombustible material into a suitable container and hand in for incineration in accordance with the relevant regulations. Clean preferably with cleansing agents. Avoid using solvents.

### 6.4. Reference to other sections

Also see item 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment. Ventilate thoroughly. Washing and flushing facilities must be available. Do not eat, drink, smoke or store tobacco, food or drink in work places or areas where there is a risk of contact with the product.

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

Keep the material away from oxidizing agents and strong acidic and alkaline substances. Store product in tightly closed original packaging above 5°C. Protect against direct sunlight. Provide good ventilation. Keep away from foodstuffs, drinks, medicine etc.

### 7.3. Specific end use(s)

Applications is mentioned in item 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit

Substance name	Time period	ppm	mg/m3	fiber/cm3	Comments	Remarks
2-(2-butoxyethoxy) ethanol	8h	10	67.5			
2-(2-butoxyethoxy) ethanol	15m	15	101.2			

**Legal basis:** EH40/2005 Workplace exposure limits incl. supplement from October 2007.

#### PNEC

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	1,1 mg/l			
Marine water	0,11 mg/l			
Freshwater - sediment	4,4 mg/kg			
Marine water - sediment	0,44 mg/kg			
Soil	0,32 mg/kg			

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

### DNEL - workers

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	101,2 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	
Dermal	83 mg/kg	Long-term exposure		Systemic effects	
Inhalation	67,5 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	
Inhalation	67,5 mg/m <sup>3</sup>	Long-term exposure		Local effects	

### DNEL - general population

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	60,7 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	
Dermal	50 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	40,5 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	
Oral	5 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	40,5 mg/m <sup>3</sup>	Long-term exposure		Local effects	

**Biological threshold values:** See above.

**Other Information:** See above.

### 8.2. Exposure controls

**Appropriate engineering controls:** All work must be planned with a view to limit the breathing of fumes and the exposure to the skin. If this is not possible, use respiratory protection.

**Personal protective equipment, eye/face protection:** If risk of splashing, wear safety goggles or face shield.

**Personal protective equipment, skin protection:** Protective clothing if necessary.

**Personal protective equipment, hand protection:** Use disposable nitrile protection gloves.

**Personal protective equipment, respiratory protection:** If application is done by brushing, there are no demands. If the product is applied with a spray gun, a gas filter mask with filter A2 is recommended.

**Environmental exposure controls:** It must be ensured that local regulations for discharge are met.

## SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Liquid.
Colour	Different.
Odour	Glycol.
Solubility	Water soluble.
Explosive properties	None
Oxidising properties	No information available

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

Parameter	Value/unit	Remarks
pH (solution for use)		Irrelevant
pH (concentrate)	7 - 8	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	> 62 °C	
Evaporation rate	No data	
Flammability (solid, gas)		Irrelevant
Flammability limits		Irrelevant
Explosion limits		Irrelevant
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	600 - 2600 mPas	
Odour threshold	No data	

### 9.2 Other information

Parameter	Value/unit	Remarks
Density	1.10 - 1.24 g/ml	
#Not translated#	III-2	
Weight % organic solvents	4	
VOC (G/liter)	47	

**Other Information:** Fat solubility: irrelevant

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information is available.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

No dangerous reaction known by normal use and normal conditions.

### 10.4. Conditions to avoid

Avoid storing at extreme temperatures.

### 10.5. Incompatible materials

No information available

### 10.6. Hazardous decomposition products

The material does not decompose at ambient temperatures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

### Acute toxicity - oral

#### 2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Mouse	LD50		2410mg/kg bw			

#### 1,2-benzisothiazol-3(2H)-one, cas-no 2634-33-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1193mg/kg			

Ingestion of large quantities may cause nausea and vomiting.

### Acute toxicity - dermal

#### 2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		2764mg/kg bw			

#### 1,2-benzisothiazol-3(2H)-one, cas-no 2634-33-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		4115mg/kg			

Irritating at high concentrations. Experimentation on animals has proven 2-butoxyethanol and its acetate, to easily penetrate the skin and to have a detrimental effect to blood.

### Acute toxicity - inhalation

#### 2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)	2 h	> 29mg/l		OECD 403	

Inhalation of vapours may cause irritation in the respiratory tract.

**Skin corrosion/irritation:** Prolonged or repeated skin contact will decrease skin and may cause irritation.

**Serious eye damage/eye irritation:** Splashing into eyes may cause moderate smarting/irritation.

**Respiratory sensitisation or skin sensitisation:** May cause allergic reactions.

**Germ cell mutagenicity:** Would not be expected germ cell mutagen

**Carcinogenic properties:** Not expected to cause cancer.

**Reproductive toxicity:** Would not be expected to be a reproductive toxicant.

**Single STOT exposure:** No known hazards.

**Repeated STOT exposure:** No known hazards.

**Aspiration hazard:** No known hazards.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### 2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute algae	Desmodesmus subspicatus		EC50	> 100mg/l			
Acute daphnia	Daphnia magna		EC50	3200mg/l			

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

Acute fish	Pimephales promelas	96 h	LC50	2780mg/l			
------------	---------------------	------	------	----------	--	--	--

### 1,2-benzisothiazol-3(2H)-one, cas-no 2634-33-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute Daphnia	Daphnia magna	48 h	EC50	2.94mg/l			
Acute fish	Onchorhynchus mykiss	96 h	LC50	2.18mg/l			
Acute algae	Pseudokirchneriella subcapitata	72 h	ErC50	0.11mg/l			

### 12.2. Persistence and degradability

#### 2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		8 d		90 - 100%			
		28 d		76%		OECD 301D	

No information available

### 12.3. Bioaccumulative potential

No data

### 12.4. Mobility in soil

The product is miscible with water and will spread in water systems.

### 12.5. Results of PBT and vPvB assessment

This product is not a substance which is a PBT or vPBT.

### 12.6. Other adverse effects

No information available

### Other Information

Do not dispose of this product in drains, watercourses, or on the ground.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water.

Product residues are classified as chemical waste.

**Category of waste:** EAK-Code : 08 01 11

## SECTION 14: Transport information

**14.1. UN-No.:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

**14.4. Packing group:** Not applicable.

**14.5. Environmental hazards:** Not applicable.

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

# Safety Data Sheet

## H2O Floor Paint 0567

Replaces date: 24/06/2015

Revision date: 02/03/2020

Version: 7.0.0

### SECTION 15: Regulatory information

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

#### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
7.0.0	02/03/2020	GK	9, 11, 13, 16
6.0.0	24/06/2015	GK	2, 3, 4, 8, 9, 11, 12, 15

**Abbreviations:** DNEL: Derived No Effect Level. PNEC: Predicted No Effect Concentration.

**References to literature and data sources:** REACH: REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals. CLP: REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures.

**Other Information:** The information in this Material Safety Data Sheet is based upon our knowledge and on European Union legislation. The user's working conditions are outside our control. It is the responsibility of the users to fulfil the requirements set by National Legislation. The information is no guarantee of the properties of the product. The Material Safety Data Sheet may only be reproduced with the permission of the manufacturer.

**Training advice:** The instructions in this Material Safety Data Sheet are given on the assumption that the product is used as stated in item 1. Restrictions of use and special training requirements must also be complied with. The information in this Material Safety Data Sheet should be regarded as a description of the safety issues concerning the product.

#### List of relevant H-statements

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.

**Document language:** GB