

# Safety Data Sheet

## Cembrit Deco Edge Paint

Replaces date: 5/9/2022

Revision date: 7/6/2022  
Version: 2.1.0

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

#### 1.1. Product identifier

Trade name: Cembrit Deco Edge Paint

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

Recommended uses: Paint

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

##### Supplier

Company: Cembrit Holding A/S  
 Address: Gasværksvej 24, 1. floor  
 Zip code: 9000  
 City: Aalborg  
 Country: DENMARK  
 E-mail: info@cembrit.dk  
 Phone: +45 99372222

#### 1.4. Emergency Telephone Number

+45 99 37 22 22 ( Company)

### SECTION 2: Hazards identification

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

CLP-classification: Aquatic Acute 1;H400 Aquatic Chronic 3;H412

**Most serious harmful effects:** Very toxic to aquatic life with long lasting effects. May cause slight irritation to the skin and eyes. Persons with a known allergy to reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) may exhibit an allergic response to the product.

#### 2.2. Label elements

##### Pictograms



Signal word: Warning

##### Contains

Substance: Zinc pyrithione;

##### Hazard Statements

H410 Very toxic to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

##### Supplemental information

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EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### 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
Zinc pyrithione	13463-41-7 236-671-3 01-2119511196-46	≤ 0.22 %		Acute Tox. 3;H301 Eye Dam. 1;H318 Acute Tox. 2;H330 Repr. 1B;H360D STOT RE 1;H372 Aquatic Acute 1;H400 Aquatic Chronic 1;H410  M (acute): 1000 M (chronic): 10
bronopol (INN)	52-51-7 200-143-0 01-2119980938-15	≤ 0.1 %		Acute Tox. 4;H302 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335 Aquatic Acute 1;H400  M (acute): 10
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9	< 0.05 %		Acute Tox. 4;H302 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 2;H411  C ≥ 0.05%: Skin Sens. 1; H317
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	< 0.0015 %		Acute Tox. 3;H301 Acute Tox. 2;H310 Skin Corr. 1C;H314 Skin Sens. 1A;H317 Eye Dam. 1;H318 Acute Tox. 2;H330 Aquatic Acute 1;H400 Aquatic Chronic 1;H410  EUH071  C ≥ 0.6%: Skin Corr. 1C; H314 0.06% ≤ C < 0.6%: Skin Irrit. 2;H315 C ≥ 0.6%: Eye Dam. 1;H318 0.06% ≤ C < 0.6%: Eye Irrit. 2;H319 C ≥ 0.0015%: Skin Sens. 1A;H317 M (acute): 100 M (chronic): 100

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air. Seek medical advice in case of persistent discomfort.

**Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

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**General:** When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes. The product contains small amounts of reaction mass of: 5-chloro-2- methyl-4- isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1). Persons with a known allergy may exhibit an allergic response to the product.

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

Treat symptoms. No special immediate treatment required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

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

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Nitrous gases.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel:** Stay upwind/keep distance from source. Wear gloves. Stop leak if this can be done without risk.

**For emergency responders:** In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

The product should be used under well-ventilated conditions and preferably under process ventilation. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store frost-free. Storage temperature: 5 - 25 °C. Do not store with the following: Oxidisers/ Strong acids/ Strong alkalis.

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### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2019/983/EU.

### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Wear gloves. Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often. Gloves must conform to EN 374. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

**Personal protective equipment, respiratory protection:** Light use (small volume, shortterm contact (below 10 min.)): Not required.  
Medium use (medium volume, medium contact (1-2 hours)): Wear respiratory protective equipment. Filter type: #Not translated# Respiratory protection must conform to one of the following standards: EN 136/140/145.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

**Other Information:** Contains no substances subject to reporting requirements.

## SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Liquid
Colour	Multiple colours
Odour	Mild
Solubility	Solubility in water: Soluble

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	0 °C	
Initial boiling point and boiling range	100 °C	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 100 °C	
Auto-ignition temperature	No data	

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Decomposition temperature	No data	
pH (solution for use)	7 - 9	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	3.2 hPa	(25 °C)
Density	1.3 g/cm <sup>3</sup>	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

### 9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Oxidisers/ Strong acids/ Strong alkalis.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight).

### 10.5. Incompatible materials

Oxidisers/ Strong acids/ Strong alkalis.

### 10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Nitrous gases.

## SECTION 11: Toxicological information

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

**Acute toxicity - oral:** Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.

**Acute toxicity - dermal:** The product does not have to be classified. Test data are not available.

#### Acute toxicity - inhalation

**Zinc pyrithione, cas-no 13463-41-7**

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (dust/mist)	1 h	2.4 mg/l			
Rat	LC50 (dust/mist)	4 h	0.61 mg/l			

The product does not have to be classified. Test data are not available. Based on existing data, the classification criteria are deemed not to have been met.

**Skin corrosion/irritation:** May cause slight irritation. The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:** May cause eye irritation. The product does not have to be classified. Test data are not available.

**Respiratory sensitisation or skin sensitisation:** The product does not have to be classified. Test data are not available. The product contains small amounts of reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1). Persons with a known allergy may exhibit an allergic response to the product.

**Germ cell mutagenicity:** The product does not have to be classified. Test data are not available.

**Carcinogenic properties:** The product does not have to be classified. Test data are not available.

**Reproductive toxicity:** The product does not have to be classified. Test data are not available.

**Single STOT exposure:** The product does not have to be classified. Test data are not available.

**Repeated STOT exposure:** The product does not have to be classified. Test data are not available.

**Aspiration hazard:** The product does not have to be classified. Test data are not available.

### 11.2. Information on other hazards

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Zinc pyrithione, cas-no 13463-41-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Pimephales promelas		96hLC50	0.0026 mg/l			
Crustacea	Americamysis bahia		96hLC50	0.0063 mg/l			
Algae	Skeletonema costatum		48hEC50	0.0006 mg/l			
Fish	Pimephales promelas		#Not translated#	0.00122 mg/l			

#### bronopol (INN), cas-no 52-51-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Anabaena flos aqua		72hEC50	0.068 mg/l			

Very toxic to aquatic life with long lasting effects.

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### 12.2. Persistence and degradability

#### Zinc pyrithione, cas-no 13463-41-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Not readily biodegradable.		

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1), cas-no 55965-84-9

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.		

Test data are not available for all substances

### 12.3. Bioaccumulative potential

#### Zinc pyrithione, cas-no 13463-41-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			(log Pow)	0.9	Low		

#### bronopol (INN), cas-no 52-51-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			(log Pow)	0.18	Low		

Test data are not available for all substances

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water.

Contact the local authorities.

Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

#### Category of waste:

EWC code: Depends on line of business and use, for instance 08 01 12 waste paint and varnish other than those mentioned in 08 01 11  
Absorbent/cloth contaminated with the product: 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

## SECTION 14: Transport information

### Land transport (ADR/RID)

14.1. UN number or ID number: 3082

14.4. Packing group: III

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<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc pyriithione)	<b>14.5. Environmental hazards:</b>	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
<b>14.3. Transport hazard class(es):</b>	9		
<b>Hazard label(s):</b>	9		
<b>Hazard identification number:</b>	90	<b>Tunnel restriction code:</b>	-

### Inland water ways transport (ADN)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pyriithione zinc)	<b>14.5. Environmental hazards:</b>	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
<b>14.3. Transport hazard class(es):</b>	9		
<b>Hazard label(s):</b>	9		
<b>Transport in tank vessels:</b>			

### Sea transport (IMDG)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pyriithione zinc)	<b>14.5. Environmental hazards:</b>	The product must be labelled as a Marine Pollutant (MP) in packaging sizes of more than 5 kg/l.
<b>14.3. Transport hazard class(es):</b>	9	<b>Environmental Hazardous Substance Name(s):</b>	
<b>Hazard label(s):</b>	9		
<b>Ems:</b>	F-A, S-F	<b>IMDG Code segregation group:</b>	- None -

### Air transport (ICAO-TI / IATA-DGR)

<b>14.1. UN number or ID number:</b>	3082	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pyriithione zinc)	<b>14.5. Environmental hazards:</b>	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
<b>14.3. Transport hazard class(es):</b>	9		
<b>Hazard label(s):</b>	9		

### 14.6. Special precautions for user

None.

### 14.7. Maritime transport in bulk according to IMO instruments

Not included.

## SECTION 15: Regulatory information

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



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**Special Provisions:** Directive 2012/18/EU (Seveso), E2 Hazardous to the Aquatic Environment in Category Chronic 2: Column 2: 200 t, Column 3: 500 t.

### 15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119511196-46	Zinc pyrithione
01-2119980938-15	bronopol (INN)

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
2.1.0	7/6/2022	Bureau Veritas HSE / MPE	1, 2, 16

**Abbreviations:**  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: Very Persistent and Very Bioaccumulative  
 STOT: Specific Target Organ Toxicity

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components.

#### List of relevant H-statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H312	Harmful 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.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

#### List of relevant EUH-statements

EUH071	Corrosive to the respiratory tract.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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### SDS is prepared by

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