

Safety Data Sheet

Cembrit Plank – Edgesealer

Replaces date: 6/2/2021

Revision date: 10/29/2021

Version: 1.1.0

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

1.1. Product identifier

Trade name: Cembrit Plank – Edgesealer

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

Most serious harmful effects: Inhalation of dust may cause irritation to the upper airways. May irritate the skin - may cause reddening. May cause eye irritation.

2.2. Label elements

Supplemental information

EUH208 Contains Disodium-peroxodisulphate. May produce an allergic reaction.
 EUH210 Safety data sheet available on request.

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
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6 01-2119475101-44	1 -< 3 %		Eye Irrit. 2;H319
Disodium-peroxodisulphate	7775-27-1 231-892-1 01-2119495975-15	0.1 -< 0.25 %		Ox. Sol. 2;H272 Acute Tox. 4;H302 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Irrit. 2;H319 Resp. Sens. 1;H334 STOT SE 3;H335

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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 discomfort.
Skin contact:	Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. 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.
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.

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: Extinguish with powder, foam or water mist. The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.

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 is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Aldehydes/ Ketones.

5.3. Advice for firefighters

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: Wear safety goggles. Keep unnecessary personnel away. Provide good ventilation. Stay upwind/keep distance from source.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, 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

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Wipe up minor spills with a damp cloth.

6.4. Reference to other sections

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

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment should 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

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Avoid direct sunlight. Storage temperature: 5 - 30 °C.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Notation
2-(2-butoxyethoxy) ethanol	8h	10	67.5			
2-(2-butoxyethoxy) ethanol	15m	15	101.2			

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.

PNEC

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	1 mg/l			
PNEC aqua (marine water)	0,1 mg/l			
PNEC sediment (freshwater)	4 mg/kg			
PNEC sediment (marine water)	0,4 mg/kg			
PNEC soil	0,4 mg/kg			
Disodium-peroxodisulphate, cas-no 7775-27-1				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,0763 mg/l			
PNEC aqua (marine water)	0,011 mg/l			
PNEC sediment (marine water)	0,275 mg/kg			
PNEC sediment (marine water)	0,0396 mg/kg			
PNEC soil	0,015 mg/kg			

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PNEC STP (wastewater-treatment facilities)	3,6 mg/l		
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PNEC / DNEL

DNEL Exposure Limit Values

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

Worker Professional: 0.1012 mg/l - Consumer: 0.506 mg/l - Exposure: Human Inhalation - Frequency: Short Term (acute)

Worker Professional: 20 mg/kg - Consumer: 10 mg/kg - Exposure: Human Dermal - Frequency: Long Term (repeated)

Worker Professional: 0.0675 mg/l - Consumer: 0.034 mg/l - Exposure: Human Inhalation - Frequency: Long Term (repeated)

Consumer: 1.25 mg/kg - Exposure: Human Oral - Frequency: Long Term (repeated)

Worker Industry: 67.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 67.5 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 101.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 83 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

disodium peroxodisulphate - CAS: 7775-27-1

Worker Industry: 2.06 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 2.25 06 - Exposure: Human Dermal - Frequency: Short Term, local effects

Worker Industry: 590 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 400 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects

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:	Plastic or rubber gloves recommended. 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:	Not required.
Environmental exposure controls:	Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Grey
Odour	Mild

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Solubility	Solubility in water: Soluble	
Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	< 0 °C	(101,3 kPa)
Freezing point	< 0 °C	(101,3 kPa)
Initial boiling point and boiling range	> 100 °C	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 98 °C	(101,3 kPa)
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	≥ 8	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	No data	
Relative density	1.15 g/cm ³	(20 °C) (101,3 kPa)
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

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

None known.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide/ Aldehydes/ Ketones.

SECTION 11: Toxicological information

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

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Version: 1.1.0**Acute toxicity - oral****2-(2-butoxyethoxy)ethanol, cas-no 112-34-5**

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		7291 mg/kg			

Disodium-peroxodisulphate, cas-no 7775-27-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 895 mg/kg		OECD 401	

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal**2-(2-butoxyethoxy)ethanol, cas-no 112-34-5**

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

Disodium-peroxodisulphate, cas-no 7775-27-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 10000 mg/kg			

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

Acute toxicity - inhalation**2-(2-butoxyethoxy)ethanol, cas-no 112-34-5**

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	2 h	> 29 ppm			

Disodium-peroxodisulphate, cas-no 7775-27-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	> 5.1 mg/l		OECD 403	

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

Skin corrosion/irritation:

May irritate the skin - may cause reddening. 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 Disodium-peroxodisulphate. 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

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Endocrine disrupting properties: None known.

Other toxicological effects: None known.

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
Fish	Name of species not specified		96hLC50	> 1300 mg/l			
Crustacea	Daphnia sp.		48hEC50	> 100 mg/l			
Algae	Name of species not specified		96hEC50	> 100 mg/l			
Bacteria	Name of species not specified	0,5 h	EC10	> 1995 mg/l			

Disodium-peroxodisulphate, cas-no 7775-27-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Oncorhynchus mykiss		96hLC50	771 mg/l			
Crustacea	Daphnia magna		48hEC50	133 mg/l			
Algae	Selenastrum capricornutum		72hEC50	116 mg/l			

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

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
		28 d		85 %	Readily biodegradable.	OECD 301 C	

Test data are not available.

12.3. Bioaccumulative potential

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

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Kow	1			

No bioaccumulation expected.

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.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water.

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Empty, cleansed packaging should be disposed of for recycling.

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: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

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

14.6. Special precautions for user

None.

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

Special Provisions:

None.

15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119475101-44	2-(2-butoxyethoxy)ethanol
01-2119495975-15	Disodium-peroxodisulphate

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.1.0	10/29/2021	Bureau Veritas HSE / MPE	1, 7, 11, 12, 16

Abbreviations: PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
STOT: Specific Target Organ Toxicity
vPvB: Very Persistent and Very Bioaccumulative
DNEL: Derived No Effect Level

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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

H272 May intensify fire, oxidiser.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.

List of relevant EUH-statements

EUH208 Contains Disodium-peroxodisulphate. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

SDS is prepared by

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