

# Safety data sheet

Issue date: 21-05-2021  
Version: 01.01 / EU\_SE

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

### 1.1. Product identifier

Trade name: Cembrit Multi Force

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

Recommended uses: Fiber cement building board.

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

Supplier: Cembrit Holding A/S  
Gasværksvej 24  
9000 Aalborg  
Denmark  
Tel: +45 99372222  
Fax: +45 98120075  
Email: info@cembrit.dk

### 1.4. Emergency telephone number

82 12 12 12 (Giftlinjen)

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP-classification (Regulation (EC) No 1272/2008):

The product shall not be classified as hazardous according to EU classification and labelling rules.

Most serious harmful effects:

May cause slight irritation to the skin and eyes.

According to REACH, the product is an article and is consequently not subject to the requirement for a safety data sheet.

### 2.2. Label elements

The product shall not be classified as hazardous according to EU classification and labelling rules.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS No.	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w%	Note
	68475-76-3	Portland cement		45-65%	Grey
	9004-34-6	Cellulose		5-15%	
	1317-65-3	Inert filler		10-25%	
	93763-70-3	Light weight filler		10-20%	
	12001-26-2	Mica		10-20%	
		Pigments		1-5%	

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

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## 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:	Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eyes	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	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.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	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.

### 5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

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## SECTION 6: Accidental release measures

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

For non-emergency personnel:	Wear gloves.
For emergency responders:	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

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

### 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

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

Store in a dry area.

### 7.3. Specific end use(s)

None.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Legal basis:	Commission Directive 2000/39/EC (Occupational Exposure Limits). Last amended by Commission Directive 2009/161/EU. Contains no substances subject to reporting requirements.
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## 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 dust contact with eyes. Eye protection must conform to EN 166.
Personal protective equipment, skin protection:	Wear gloves. Gloves must conform to EN 374.
Personal protective equipment, respiratory protection:	Wear respiratory protective equipment with P2 filter when performing dusty work. Respiratory protection must conform to one of the following standards: EN 136/140/145.
Environmental exposure controls:	Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

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

State:	Solid substance
Colour:	Grey
Odour:	No data
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	Approx. 11 (Due to calcium hydroxide, pH will reduce over time)
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	No data
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	1,8
Solubility:	Solubility in water: Insoluble
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	>150°C. 250°C: the product loses 90% of it's initial strength.
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

### 9.2. Other information

None.

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## 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

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

None known.

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## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity - oral:	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:	The product does not have to be classified. Test data are not available.
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.
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:	Inhalation of dust may cause irritation to the upper airways. 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.
Other toxicological effects:	None known.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

The product does not have to be classified. Test data are not available.

### **12.2. Persistence and degradability**

Not expected to be biodegradable.

### **12.3. Bioaccumulative potential**

No bioaccumulation expected.

### **12.4. Mobility in soil**

Hardens to a firm, non-mobile mass.

### **12.5. Results of PBT and vPvB assessment**

The product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

None known.

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Do not discharge large quantities of concentrated spills and residue into drains.

Contact the local authorities. EWC code: 17 01 01 Concrete

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## SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- 14.5. Environmental hazards -
- 14.6. Special precautions for user -
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code -

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## 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

Chemical safety assessment has not been performed.

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## SECTION 16: Other information

Abbreviation explanations:

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

Classification method:

Calculation based on the hazards of the known components.

H-phrases:

No H-phrases.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

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.

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