



Prepared: 06. 11. 2019  
Revision: 19. 08. 2024

## MakeMake Extra-Strength Casting Plaster

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

#### 1.1. Product identifier

Trade name: MakeMake Extra-Strength Casting Plaster.

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

Recommended use: For castings, reliefs and models.

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

Supplier: Heiss Development  
Pramvej 7  
8940 Randers SW  
Denmark

Phone: +45 86 42 26 26  
E-mail: [info@makemake.dk](mailto:info@makemake.dk)  
WWW: [www.makemake.net](http://www.makemake.net)  
Contact person: Erik Heiss  
CVR no.: 39641259

#### 1.4. Emergency telephone number

In case of accident or poisoning, contact your local emergency services or national poison control center immediately. For medical professionals: Please consult your national poison control center for treatment advice.

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### SECTION 2: Hazards identification

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

CLP classification: The product is not to be classified according to Regulation 1272/2008 for classification and labelling.

#### 2.2. Label elements

Contains: Calcium sulphate hemihydrate.

P-statements:

P102 Keep out of reach of children.

P402+P404 Store in a dry place. Store in a closed container.

P501 Dispose of contents/container in accordance with local waste regulations.

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### SECTION 3: Composition/information on ingredients

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## 3.2. Mixtures

**Registration no. CAS/EC number:** 10034-76-1/231-900-3

**Substance:** Calcium sulphate hemihydrate  
**w/w%:** 98

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air. Rinse mouth thoroughly with water and blow nose. Seek medical attention if discomfort persists.

**Ingestion:** Rinse mouth immediately with plenty of water if the person is conscious. Seek medical attention immediately.

**Skin:** Wash immediately with soap and plenty of water. In case of persistent skin irritation, eczema, or similar, seek medical attention.

**Eyes:** Rinse immediately with plenty of water for at least 15 minutes. Do not rub eyes. Open the eye wide, if necessary by holding eyelids apart with fingers. Remove contact lenses if present. If discomfort persists, seek medical attention.

**Other information:** When seeking medical attention, bring the safety data sheet or label.

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

May cause irritation, pain, and watering of the eyes upon contact. May have a mildly irritating effect upon skin contact - may cause redness. Inhalation of dust may irritate the respiratory tract and cause throat irritation and coughing.

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

No special, immediate medical attention is necessary.

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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide, or water. Unsuitable extinguishing media: None known.

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

None known.

#### 5.3. Advice for firefighters

If there is a risk of exposure to vapours and flue gases, self-contained breathing apparatus and protective clothing must be worn to avoid contact with skin and eyes. Persons not involved must be evacuated to a safe place.

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## **SECTION 6: Accidental release measures**

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

For non-emergency personnel: Use protective equipment. Cordon off the area from non-emergency personnel. Ensure necessary ventilation and avoid breathing dust. For emergency personnel: Use protective equipment. Ensure necessary ventilation and avoid breathing dust.

### **6.2. Environmental precautions**

Spill must not be discharged into the sewer or surface water. Spill must not be poured into the drain.

### **6.3. Methods and materials for containment and cleaning up**

Dry product should be collected in a way that minimizes dust generation, for example by using a vacuum cleaner or a broom and shovel. Place it in a dry, clean container with a lid. Ventilate the area and wash the spill site after the product has been removed.

Mixed product should be shoveled or swept up.

The spill is transferred to suitable waste containers.

### **6.4. Reference to other sections**

See section 13 for disposal.

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Wear appropriate protective clothing and safety gloves.

Always try to avoid breathing in dust.

Mechanical ventilation is required.

Try to avoid contact with eyes, skin, and clothing.

Try to minimize the spread of dust.

Use working methods that reduce dust formation. The product must be kept at a safe distance from ignition sources, heat, and fire.

Incompatible with strong oxidizing agents. Wash hands and face thoroughly after handling. Do not smoke in the work area.

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

Always store in a dry place, in closed original packaging. Store in a cool place. Opened packaging must be closed tightly after use and should be used as soon as possible. Store away from heat, sparks, and fire. Keep away from ignition sources. Incompatible with strong oxidizing agents.

### **7.3. Specific end use(s)**

See use - section 1.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Limit values:

Substance	8-hour limit value ppm/mg/m <sup>3</sup>	Short-term limit value ppm/mg/m <sup>3</sup>	Note
Mineral dust, inert, respirable	5	10	
Mineral dust, inert	10	20	

## 8.2. Exposure controls

Appropriate exposure control measures:

Dry product and water are mixed in a bucket/bowl using a whisk.

Ensure effective ventilation during mixing.

Always wash hands before breaks, meals, toilet visits, and after finishing work. Use mild soap and water. Change clothing that is soiled.

Personal protective equipment, eye/face protection: Use tight-fitting safety goggles when there is a risk of dust/splashes in the eyes. A full-face mask can also be used.

Personal protective equipment, skin protection: Always wear gloves, e.g., of nitrile rubber. Special work clothing must be worn.

Personal protective equipment, respiratory protection: During work that produces dust, e.g., during mixing, use a full- or half-face mask with a P2 filter.

Measures to limit environmental exposure: It must be ensured that local regulations for discharge are complied with.

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## SECTION 9: Physical and chemical properties

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

Physical state: Powder

Color: White

Odour: Slight odour

Odour threshold: No data

pH (ready-to-use solution): No data

pH (concentrate): Neutral, approx. 7.1-7.2 (when mixed with water)

Melting point/freezing point: >300°C/no data

Initial boiling point and boiling range: No data

Flash point: Not relevant

Evaporation rate: No data

Flammability (solid, gas): Not relevant

Upper/lower flammability limits: Not relevant

Upper/lower explosive limits: Not relevant

Vapour pressure: No data

Vapour density: No data

Relative density: Not relevant

Solubility: Soluble in/miscible with water

Partition coefficient n-octanol/water: Not relevant

Auto-ignition temperature: Not relevant

Decomposition temperature: No data

Viscosity: Not relevant

Explosive properties: Not explosive

Oxidizing properties: Not oxidizing

### 9.2. Other information

None.

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## SECTION 10: Stability and reactivity

### **10.1. Reactivity**

None known.

### **10.2. Chemical Stability**

The product is stable when used according to the supplier's instructions.  
The product is stable under normal temperature and pressure.

### **10.3. Risk of hazardous reactions**

None known.

### **10.4. Conditions to avoid**

Avoid contact with moisture and water during storage.

### **10.5. Materials to avoid**

Avoid contact with strong oxidizing agents.

### **10.6. Hazardous decomposition products**

In case of fire or strong heating, the product decomposes and sulfur oxides and calcium oxides may be formed.

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## **SECTION 11: Toxicological information**

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

Skin: May be irritating to the skin - may cause redness.

Inhalation: May be irritating to the upper respiratory tract.

Ingestion: May cause nausea, discomfort, and potentially vomiting.

Eyes: May cause eye irritation.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

No data.

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

No data.

### **12.3. Bioaccumulation potential**

No data.

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

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

The product does not meet the criteria for PBT or vPvB.

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

None.

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## **SECTION 13: Disposal considerations**

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

The product is not classified as hazardous waste according to the Waste Order. It is recommended that spills and waste are disposed of via municipal waste management systems with the specifications below.

Chemical waste group: H.

EAK code: 06 03 14 (Solid salts and solutions thereof, other than those mentioned in 06 03 11 and 06 03 13).

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### **SECTION 14: Transport information**

Non-hazardous for transport: This material is considered non-hazardous for transport.

Non-hazardous for air transport.

Non-hazardous for sea transport.

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

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### **SECTION 15: Regulatory information**

**15.1. Specific provisions/legislation for the substance or mixture with regard to safety, health and environmental issues**

#### **15.2. Kemikaliesikkerhedsvurdering**

The material is not classified as hazardous according to regulation (EC) No. 1272/2008.

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### **SECTION 16: Other information**

Prepared on the basis of EU Regulation 1907/2006.

Explanation of abbreviations:

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: very Persistent and very Bioaccumulative.

Method for classification: Calculation based on the hazards of the known components.

Education: None required, but the user must be instructed in the execution of the work and familiar with the contents of this safety data sheet.

Other information:

This safety data sheet is prepared on the basis of the supplier's information regarding physical/chemical properties and all ingredients in the product.