

Product name **CUGLATON HSM 1MM**
Version date 01-09-2018
Version 005

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

Product identifier **CUGLATON HSM 1MM**

Relevant identified uses of the substance or mixture and uses advised against
Non-shrink cement mortar.

Details of the supplier of the safety data sheet

Supplier (manufacturer) Cugla BV
Address Rudonk 6a - 11
4824 AJ BREDA, The Netherlands
Telephone +31 76 5 410 600
Email reach@cugla.nl
Website www.cugla.com

Emergency telephone number National Poisons Information Centre (NL), +31 30 274 8888, only for the purpose of informing medical personnel in cases of accidental intoxications.

2 Hazards identification

Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (GHS)

Hazard symbols



GHS05 Corrosive



GHS07 Exclamation mark

Signal word Danger

Hazard components for labelling Cement

Hazards statements
H315 Causes skin irritation
H318 Causes serious eye damage
H317 May cause an allergic reaction
H335 May cause respiratory irritation

Precautionary statements
P102 Keep out of reach of children
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338+P310 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a **poison center** or doctor/physician.
P302+P352+P333+P313 If on skin: wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice/attention.
P261+P304+P340+P312 Avoid breathing dust/fume/gas/mist/vapours/spray. If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a **poison center** or doctor/physician if feeling unwell.
P501 Dispose of contents/container according to local regulations.

Special provisions concerning the labelling or certain mixtures
None

Other hazards None

Other directions None

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3 Composition/information on ingredients

Portland cement clinker
 Amount > 20%
 CAS-no. 65997-15-1
 Classification 1272/2008 (GHS) Eye Dam. 1. H318; Skin Sens 1, H317 ; Skin Irrit 2, H315; STOT SE 3, H335
 For full text of H-phrases: see section 16.

4 First aid measures

General notes Show this safety data sheet, when consulting a physician.

In case of inhalation Move to fresh air. If symptoms persist, call a physician.

In case of skin contact
with dry mortar Remove the mortar from the skin and wash off with plenty of water.
with fresh mortar Wash off with plenty of water. Consult a physician in case of irritation, redness, sensitivity of the skin, pain and skin damages.

In case of eye contact Immediately rinse with lots of water for a minimum of 15 minutes. Consult a (eye-)doctor if symptoms persist.

In case of ingestion Immediately consult a physician. No vomiting. If the victim is conscious, rinse mouth and drink plenty of water.

Indication of any immediate medical attention and special treatment needed Mortar contains high amount of alkaline.

5 Firefighting measures

Suitable extinguishing media All extinguishing media are suitable

Unsuitable extinguishing media None

Special hazards arising from the mixture None

Special protective equipment for firefighters None

Additional information None

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
 Wear protective clothing.

Environmental precautions Do not contaminate any lakes, streams, ponds, groundwater or soil.

Methods for cleaning up
Dry mortar Clean up the spoiled material, preferably in dry form.
 Use cleaning equipment which prevents dust, like vacuum cleaners. Clean up the dust with a mop, wet broom and remove the slurry.
 If the only way of cleaning up is with a broom, then the employee should wear protective clothing and prevent dust formation as much as possible. Avoid inhalation and skin contact. Collect the spoiled material in a waste bin. Let the mortar harden before removal.

Fresh mortar Clean up the fresh mortar and collect it in a waste bin. Let the fresh mortar harden before removing it to the waste disposal.

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7 Handling and storage

Precautions for safe handling

Handling	Avoid dust formation. Avoid spilling and contact with eyes and skin.
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Conditions for safe storage, including incompatibilities

Storage	In closed package.
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8 Exposure controls/personal protection

Control parameters	MAC-value: 10 mg/m ³
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Exposure controls	Good ventilation.
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Personal protective equipment

Respiratory protection	Respiratory mask class P2.
Hand protection	Wear impenetrable, wear- and alkali-resistant gloves (made of a material that doesn't contain soluble Cr(VI)), with a cotton lining inside.
Eye protection	Goggles according to EN 166.
Skin and body protection	Light protective clothing.

Occupational exposure controls	Do not allow to enter drains or watercourses.
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9 Physical and chemical properties

Appearance	Granular
Colour	Grey
Odour	Odourless
pH	11 – 13,5 (at 20 °C in water)
Boiling temperature, boiling range	> 1250 °C
Flash point	Not applicable
Lower explosion limits	Not applicable
Upper explosion limits	Not applicable
Vapour pressure	Not applicable
Relative density (20 °C)	Not applicable
Soluble in water	Soluble
Viscosity	Not applicable
Steam pressure	Not applicable

Other information	None
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10 Stability and reactivity

Reactivity	There are no data available on the product itself.
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Chemical stability	There are no data available on the product itself.
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Possibility of hazardous reactions	There are no data available on the product itself.
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Conditions to avoid	Humidity can cause loss of quality and lumps.
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Incompatible materials	Uncontrolled use of aluminium powder in fresh mortar, it can form H ₂ gas.
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Hazardous decomposition products	None
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11 Toxicological information

Information on toxicological effects	There are no data available on the product itself.
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Sensitisation	Irritating to the respiratory system, mucous membrane, skin and eyes.
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Other toxicological information May cause respiratory irritation or irritation of the skin.

12 Ecological information

Ecotoxicity LC50 in water is not determined. Normal use forms no danger for the environment. However, very large amounts of mortar in water will raise the pH and can therefore, under some circumstance, be harmful for water organisms.

Persistence and degradability Not relevant

Bioaccumulative potential Not relevant

Mobility in soil Dry mortar is not volatile, but can go airborne during the use of the product.

Results of PBT and vPvB assessment There are no data available on the product itself.

Other adverse effects There are no data available on the product itself.

Additional information None

13 Disposal consideration

Reuse if possible. Dispose according to local regulations.

Waste treatment methods There are no data available on the product itself.

14 Transport information

UN-number The product is not classified as dangerous in the national or international transport by road, sea or air.

UN proper shipping name The product is not classified as dangerous in the national or international transport by road, sea or air.

Transport hazard class(es) The product is not classified as dangerous in the national or international transport by road, sea or air.

Packing group The product is not classified as dangerous in the national or international transport by road, sea or air.

Environmental hazards The product is not classified as dangerous in the national or international transport by road, sea or air.

Special precautions for user None

15 Regulatory information

Safety, health and environmental regulation/legislation specific for the substance or mixture
International regulatory information Directive 2004/42/EC is not applicable.

Chemical safety assessment
International legislation There are no data available on the product itself.

16 Other information

Further information The details in this material data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than specified in chapter 1, unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

Relevant changes Lay-out header and footer



Safety Data Sheet

According to EU No. 1907/2006 (REACH), Annex II

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GHS health statements of the components

- H315 Causes skin irritation
- H318 Causes serious eye damage
- H317 May cause an allergic reaction
- H335 May cause respiratory irritation

Important note

This information are presented in good faith and believed to be correct. The information are given as a guidance for save use, handling, storage, transport, dispose of the product and cannot be seen as a quality specification. The mentioned data are only applicable to this product and may not be valid anymore when the product is combined with other products or used in processes, unless stated in the text.