

**Safety data sheet pursuant to ordinance  
(EC) No. 453/2010  
(EC) No. 1907/2006 (REACH)**

Print date: 02/03/2016

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Revised:10.08.2015

Cimco-Werkzeugfabrik  
Carl Jul. Müller GmbH & Co. KG

## 1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

### 1.1 Product identifier

**Product name** Bonding plaster Art. No. **140342**  
**Trade name** Bonding plaster Art. No. **140342**  
**CAS No.**  
**EC No.**

### 1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended  
limitations of the  
application

Use of the Building materials  
material/mixture

### 1.3 Details on the supplier who is making the safety data sheet available

**Company** Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG  
Hohenhagener Straße 1 - 5  
D-42855 Remscheid, Germany  
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

**1.4 Emergency number** **Emergency CONTACT (24-Hour-Number)**  
**GBK GmbH +49 (0)6132-84463**

## 2. POSSIBLE HAZARDS

### 2.1 Classification of the material

- **Classification in accordance with the directive (EC) No. 1272/2008 [CLP/GHS]**  
Eye damage 1 H318

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## 2.2 Label elements

- Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]



**GHS05**

**Signal word:**

Hazard

**Hazard information:**

H318 Causes serious eye damage.

**Safety information:**

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305 + P351 + P338, P310 In the event of contact with the eyes: Rinse carefully with water for several minutes. Remove any contact lenses being worn if possible. Continue rinsing. Immediately call the Poison Control Centre or a doctor.  
P102 Keep out of reach of children.  
P501 Dispose of content/container in accordance with national regulations.  
Note: P501 does not apply to reusable silos.

## 2.3 Other dangers

- **Results of the PBT and vPvB assessment**
- **PBT:** not applicable
- **vPvB:** not applicable

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### 3. COMPOSITION / INFORMATION ON COMPONENTS

Constituents	EC No.	CAS No.	Concentrate [% by weight]
Calcium dihydroxide	215-137-3	1305-62-0	> 1% - < 10 STOT one-off exposure 3, type of exposure: inhalation skin irritation <sup>2</sup> , eye damage 1 H315, H318, H335
Calcium sulphate	231-900-3	7778-18-9	> 65

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General information

No detrimental effects if the material is used as intended. If any effects are expected despite this, please pay attention to the following recommendations:

##### After inhaling

Ensure there is fresh air, seek medical attention in the event of discomfort.

##### After skin contact

Wash off with soap and water and rinse well afterwards. In the event of long-term skin irritation, consult doctor.

##### After swallowing

Rinse mouth with water and drink plenty of water. Seek medical advice.

##### After eye contact

If the product comes into contact with your eyes, rinse eyes under running water with eyelids open for several minutes and consult an eye specialist. Remove any contact lenses being worn if possible.

#### 4.2 Important symptoms and effects which are acute or occur with a delay

There is the risk of serious eye damage.

No other specific symptoms or effects are known.

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

Pay attention to the information in section 4.1.

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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing agents

**Suitable extinguishing agents** Choose fire extinguisher appropriate for environment.

**Unsuitable extinguishing agents** None

### 5.2 Particular risks associated with the material or mixture

None

### 5.3 Information on fire fighting

#### Special protective equipment for firefighting:

No special measures required.

#### Further information:

Product will harden on contact with water.  
The product itself does not burn.

## 6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

### 6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

Ensure sufficient ventilation.  
Use personal protective clothing.  
Avoid dust formation.  
Product will create a slippery surface with water.

### 6.2 Environmental protection measures

Avoid uncontrolled release into the sewage system or waterways.

### 6.3 Methods and material for containment and cleaning

Collect mechanically while dry and dispose of it in suitable containers.  
Avoid dust formation.

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## 6.4 References to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

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## 7. HANDLING AND STORAGE

### 7.1 Safety measures for safe handling

Information on safe handling	Avoid dust formation, breathing in dust and contact with eyes and skin
General protection measures	No particular safety measures required if used as intended.
Hygiene measures	Do not smoke, eat, drink or sniff while working. Wash hands before breaks and after finishing work.
Information on fire and explosion protection	The product itself does not burn. No particular fire fighting measures required.

### 7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Only store/keep in its original container.
Information on storage with other products	Not required
Further information on storage conditions	no special requirements.
Storage class	13

### 7.3 Specific end use

Intended use as a building product indoors covers the exposure scenarios for the contents calcium sulphate and calcium hydroxide.

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## 8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

### 8.1 Limit values

#### Occupational exposure limit values

CAS No.	Designation	Type	[mg/m <sup>3</sup> ]	[ppm]	Peak limit	Note
7778-18-9	Calcium sulphate (50 – 100%)		6			DFG
1305-62-0	Calcium hydroxide (1 – 10%)	8 hours	1			

#### Additional information

National and local legal provisions must be adhered to.

### 8.2 Limiting and monitoring exposure

Personal protective equipment

General protective and hygiene measures	Do not breathe in dust. Avoid contact with the eyes and skin. Preventive skin protection by using skin protection cream. Wash hands before breaks and after finishing work.
Respiratory protection	In the event of dust formation, wear a breathing mask with an FFP1 filter.
Hand protection	Wear suitable protective gloves if in contact with material repeatedly or for a long time. Glove material: nitrile-soaked cotton gloves
Eye protection	Wear safety goggles with side shields if there is the risk of splashing.
Personal protection	Protective workwear

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Form	powder
Colour	white, grey
Odour	odourless
Steam pressure	- na -

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Relative density	2.3 – 3.0 g/cm <sup>3</sup>
Boiling point	- na -
Melting point / Freezing point	- na -
Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	- na -
Flammability	- na -
Oxidizing properties	- na -
Solubility	approx. 2 g/l at 20°C
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

## 9.2 Other information

Thermal decomposition of gypsum  
into CaSO<sub>4</sub> x 1/2 H<sub>2</sub>O and H<sub>2</sub>O above 140°C  
in CaO and SO<sub>3</sub> above 1000°C

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No materials that need to be avoided are known.

### 10.2 Chemical stability

Under normally prevalent and assumed conditions for handling and storage, the mixture is stable with regards to temperature and pressure.

### 10.3 Possible hazardous reactions

No known hazardous reactions.

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#### **10.4 Conditions to be avoided**

No information is available.

#### **10.5 Incompatible materials**

No incompatible materials known.

#### **10.6 Dangerous decomposition processes**

No decomposition when used as intended.

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### **11. TOXICOLOGICAL INFORMATION**

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

No information is available.

#### **Practical experience**

No information is available.

#### **General comments**

No information is available.

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### **12. ENVIRONMENTAL INFORMATION**

#### **12.1 Toxicity**

No additional relevant information is available.

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

Not applicable, inorganic material.

#### **12.3 Bio accumulation potential**

No indication of bio accumulation potential.

#### **12.4 Mobility in the soil**

Water-soluble solid.



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**Other ecological information:**

General information Do not allow to enter ground water, surface water or the sewage system undiluted or in large quantities.

**12.5 Results of PBT and vPvB assessment**

PBT Not applicable  
vPvB Not applicable

**12.6. Other harmful effects**

No information is available.

**13. INFORMATION ON DISPOSAL**

Recommendation Disposal according to the local official regulations  
Product Dispose of in accordance with local authority regulations.  
Waste code 17 08 02 Building materials based on gypsum with the exception of those subject to 17 08 01.

Waste marked with an asterisk (\*) are classed as hazardous waste according to Directive 2008/98/EC on hazardous waste.

Unclean packaging Packaging which is not contaminated and has been completely emptied can be recycled. P501: Dispose of content/container in accordance with national regulations.

**14. INFORMATION ON TRANSPORT**

	ADR/RID	IMDG	IATA-DGR
<b>14.1 UN number</b>	-	-	-
<b>14.2 Proper UN shipping name</b>	-	-	-
<b>14.3 Transport hazard class</b>	-	-	-

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**14.4 Packaging group** - - -

**14.5 Environmental hazards** - - -

**14.6 Special preventive measures for the user**

not applicable

**14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code**

not applicable

**15. STATUTORY REGULATIONS**

**15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture**

**National regulations:**

Water hazard class 1 VwVwS Appendix 4  
slightly water hazardous

**15.2 Chemical safety assessment**

Material safety assessments of calcium sulphate and calcium hydroxide have been taken into consideration when preparing the data sheet.

**16. OTHER INFORMATION**

**Further information**

The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.