

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

Print date : 11.03.2016

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Revised: 20.08.2015

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

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Assembly cement Art. No. **140346 / 140348**

Trade name Assembly cement Art. No. **140346**

CAS No.

EC No.

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

Recommended
limitation of the
application

Use of the material/
mixture

Building materials

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 Dam. 1	H318
Skin Irrit. 2	H315
STOT SE	H335

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2.2 Label elements

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



GHS05



GHS07

Signal word:
Hazard

Hazard information:

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

Safety information:

P101	If medical attention is required, have packaging or identification label at hand.
P102	Keep out of reach of children.
P103	Read identification label before use.
P261	Avoid breathing in dust/smoke/gas/mist/vapour/aerosol.
P271	Only use outdoors or in well ventilated rooms.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IN THE EVENT OF SKIN CONTACT: Wash with plenty of water and soap.
P304 + P340	IN THE EVENT OF INHALATION: Move the person into fresh air and ensure they can breathe unrestrictedly.
P305 + P351 + P338	IN THE EVENT OF CONTACT WITH THE EYES: Rinse carefully with water, remove any contact lenses being worn if possible. Continue rinsing.
P310	Immediately call POISON CONTROL CENTRE or call a doctor.
P332 + P313	In the event of skin irritation: Consult a doctor/seek medical attention.
P362	Take off and wash contaminated clothing before wearing it again.
P501	Dispose of contents / container according to the local / regional / national / international regulations.

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2.3 Other dangers

The hazard code Irritant does not apply to the dry powder, it only applies after water or moisture has been absorbed (alkaline reaction).

The preparation is low-chromate according to TRGS 613, as the content of sensitising chromate(VI) is lowered to < 2 ppm in the cement content of the ready-to-use mortar through additives. The effectiveness of the chromate reduction is dependent on correct storage and compliance with the expiry date.

· **Results of the PBT and vPvB assessment**

- **PBT:** not applicable
- **vPvB:** not applicable

3. COMPOSITION / INFORMATION ON COMPONENTS

Constituents	EC No.	CAS No.	Concentrate [% by weight]
Calcium dihydroxide	215-137-3	1305-62-0	0-3 STOT one-off exposure 3, type of exposure: inhalation skin irritation 2 eye damage 1 H315, H318, H335
Portland cement	215-137-3	65997-15-141	> 20 % STOT one-off exposure 3, type of exposure: inhalation skin irritation 2 eye damage 1 H315, H318, H335

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4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

Contains cement. Has a strongly alkaline reaction with moisture, therefore skin and eyes must be protected. In the event of contact, rinse thoroughly with lots of water

After inhaling

Ensure there is fresh air. In the event of felling ill, coughing or sustained irritation, consult a doctor.

After skin contact

Remove dry mortar powder and rinse afterwards with plenty of water. Rinse off wet mortar powder with plenty of water. In the event of skin irritation, consult a doctor.

After swallowing

Do not induce vomiting. Rinse out mouth and drink plenty of water. Consult a doctor.

After eye contact

If the product comes into contact with your eyes, immediately rinse eyes under running water with eyelids well open and consult an eye specialist.

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

No information is available.

4.3 Indication of any immediate medical attention and special treatment needed

No information is available.

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

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5.3 Information on fire fighting

Special protective equipment for firefighting:

No special measures required.

Further information:

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.

Wear suitable personal protective equipment (see point 8).

Avoid contact with skin and eyes.

Avoid dust formation.

6.2 Environmental protection measures

Avoid uncontrolled release into the sewage system or waterways.

Dispose of the absorbed material in accordance with the regulations.

6.3 Methods and material for containment and cleaning

Absorb powder dry. Absorb mixed mortar, allow it to harden in a container and dispose of according to point 13.

6.4 References to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

7. HANDLING AND STORAGE

7.1 Safety measures for safe handling

Information on safe handling

Avoid dust formation.

Avoid contact with the eyes and skin.

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.

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7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements

Keep sealed in original packaging.
Protect from moisture.

Information on storage with other products

Further information on
storage conditions

If not stored properly (moisture penetration) then the chromate reducer
contained may lose its effectiveness even before reaching the minimum
expiry date

Storage class

13

7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

CAS No.	Designation	Type	[mg/m ³]	[ppm]	Peak limit	Note
65997-15-1	Portland cement	8 hours	5			DFG
14808-60-7	Quartz					Max. occupational exposure concentration alveolar fraction

Additional information

General dust limit 3(A) mg/m³ The exposure limits are taken from the TRGS 900 valid at the time of preparation.

8.2 Limiting and monitoring exposure

Personal protective equipment

General protective and hygiene measures

Keep away from food, drink and animal feed. Do not smoke, eat or
drink while working. Avoid contact with the eyes and skin. Wash
hands before a break and after finishing work. Remove contaminated
or saturated clothing immediately.

Respiratory protection

If the limits are exceeded, use a particle filter half mask FFP1.

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Hand protection	Use water-proof, abrasion and alkali-resistant protective gloves (EN 374). Protect uncovered parts of your body with skin protection cream. Nitrile-soaked cotton gloves with CE mark (see BGR data sheet 195). Information on the exact penetration time is to be obtained from the manufacturer and observed.
Eye protection	If dust is formed or there is the risk of splashes, wear tight-fitting protective goggles in accordance with EN 166.
Personal protection	Pay attention to rules for the use of protective clothing. BGR 189 Protective workwear

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	powder
Colour	white, or various colours (see container).
Odour	Generic
Steam pressure	- na -
Relative density	- na -
Boiling point	- na -
Melting point / Freezing point	> 1000°C
Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	- na -
Flammability	- na -
Oxidizing properties	- na -
Solubility in / miscibility with	< 50 g/l
Ignition temperature	- na -

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Solvent content - na -

Solids content - na -

9.2 Other information

No information is available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No information is available.

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

No known hazardous reactions.

10.4 Conditions to be avoided

Avoid moisture.

10.5 Incompatible materials

Avoid contact with acids.

10.6 Dangerous decomposition processes

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin irritation Irritates the skin and the mucous membranes.

Eye irritation Irritant

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13. INFORMATION ON DISPOSAL

Recommendation Collect when dry. Can still be used (pay attention to expiry date).

Product Dispose of in accordance with local authority regulations.

Waste code 120112 spent waxes and fats.

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

Uncleaned packaging Dispose of in accordance with local authority regulations.

14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
14.1 UN number	Not hazardous goods	Not hazardous goods	Not hazardous goods
14.2 Proper UN shipping name	-	-	-
14.3 Transport hazard class	-	-	-
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

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15. STATUTORY REGULATIONS

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

National regulations:

Classification in accordance with Industrial Safety Ordinance (BetrSichV)

Water hazard class 1 VwVwS Appendix 4
 slightly water hazardous

GISCODE: ZP1

Ordinance on Hazardous Substances, Chemical Prohibition Ordinance

Other regulations, limitations and prohibition ordinances

BGR 190 Rules for the use of breathing apparatus

BGR 192 Rules for the use of eye and face protection

BGR 189 Rules for the use of protective clothing

BGR 195 Rules for the use of protective gloves

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

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.