

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

Print date : 05.12.2016

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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 paste Art. No. **134034**
Trade name Assembly paste Art. No. **134034**
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 Corrosion protection and lubricant

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
Aquatic Chronic 2 H411

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2.2 Label elements

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



GHS05



GHS09

Signal word:

Hazard

Hazard information:

H318	Causes serious eye damage.
H411	Toxic for water organisms, with long-term effects.

Safety information:

P102	Keep out of reach of children.
P273	Avoid releasing into the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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 the POISON CONTROL CENTRE/doctor.
P391	Collect any quantity spilled.
P501	Dispose of content/container as problem waste.

2.3 Other dangers

- **Results of the PBT and vPvB assessment**
- PBT: The materials in the mixture do not meet the hazardous PBT/vPvB criteria according to REACH, Appendix XIII

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3. COMPOSITION / INFORMATION ON COMPONENTS

Constituents	EC No.	CAS No.	Concentrate [% by weight]
Zinc oxide	215-222-5	1314-13-2	2.5-5 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Calcium hydroxide	215-137-3	1305-62-0	< 9.99 Eye Dam. 1, H318 Skin Irrit. 2, H315 STOT SE 3, H335
Copper	231-159-6	7440-50-8	2.5-5 Aquatic Acute 1, H400
Aluminium powder (stabilised)	231-072-3	7429-90-5	2.5-5 Flam. Sol. 1, H228

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

Immediately remove wet clothing.

After inhaling

Ensure there is fresh air.
In the event of complaints, seek medical assistance.

After skin contact

In the event of skin contact, immediately wash off with soap and water.
In the event of long-term skin irritation, consult doctor.

After swallowing

Do not induce vomiting. Seek medical assistance.

After eye contact

In the event of contact with the eyes, rinse thoroughly with lots of water. If complaints persist, consult doctor.

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.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents Alcohol-resistant foam, extinguishing powder, carbon dioxide, water spray

Unsuitable extinguishing agents Direct water jet

5.2 Particular risks associated with the material or mixture

In the event of a fire, it is possible that hazardous gases may be formed.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3 Information on fire fighting

Special protective equipment for firefighting:

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.

Do not inhale gases from explosions and fire.

Further information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Collect contaminated quenching water separately; it must not enter the sewage system.

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.

Particular risk of slipping caused by leaking/spilt product.

6.2 Environmental protection measures

Do not allow to enter the sewage system or ground water.

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6.3 Methods and material for containment and cleaning

Dispose of the absorbed material in accordance with the regulations. Soak up mechanically.

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	The usual safety measures for handling chemicals needs to be adhered to.
General protection measures	Avoid contact with the eyes. Do not inhale gases / vapours / aerosols.
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	No special measures required.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements	Only store in its original container.
Information on storage with other products	Do not store with acids. Do not store with oxidizing agents.
Further information on storage conditions	Keep container tightly sealed. Store in a dry place. Recommended storage temperature: room temperature.
Storage class	11

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7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

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	The usual regulations for handling chemicals needs to be adhered to. Do not breathe in dust/smoke/mist. Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the eyes. Wash hands before a break and after finishing work.
Respiratory protection	Not required
Hand protection	It is recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer. Not suitable: Gloves made of leather Not suitable: Gloves made of thick material. Information on glove material [kind/type, thickness, penetration time/wearing period, wetting resistance]: nitrile. 0.4 mm, 60 min., 480 min. The type of chemical protection gloves is to be selected according to the concentration and quantity of hazardous materials at the specific workplace.
Eye protection	Tight fitting safety glasses
Personal protection	Protective workwear
Suitable technical control facilities	Sufficient ventilation

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	pasty
Colour	grey
Odour	characteristic
Steam pressure	- na -
Relative density	1.2 g/cm ³ 20 °C
Melting point / Freezing point	- na -
Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	approx. 170 °C
Flammability	- na -
Oxidizing properties	- na -
Solubility in / miscibility with	- na -
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

9.2 Other information

No information is available.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No information is available.

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

Reaction with strong acids.

Reaction with strong oxidizing agents.

10.4 Conditions to be avoided

No information is available.

10.5 Incompatible materials

Acids

oxidizing agents

10.6 Dangerous decomposition processes

No decomposition when used as intended.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

	Value/Evaluation	Species	Method	Note
Skin irritation	not irritating			
Eye irritation	Irritant - risk of serious eye damage			

Practical experience

Risk of serious eye damage.

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General comments

The product is to be handled with the care usual when handling chemicals. Other hazardous characteristics can not be ruled out.

12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

No information is available.

12.2 Persistence and degradability

No information is available.

12.3 Bio accumulation potential

No information is available.

12.4 Mobility in the soil

No information is available.

12.5 Results of PBT and vPvB assessment

The materials in the mixture do not meet the hazardous PBT/vPvB criteria according to REACH, Appendix XIII.

12.6. Other harmful effects

Do not allow uncontrolled release of the product into the environment.

The product must not enter any bodies of water or the sewage system or water treatment plants respectively. The product must not enter ground water.

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13. INFORMATION ON DISPOSAL

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	3077	3077	3077
14.2 Proper UN shipping name	UMWELTGEFÄHRDEND E R STOFFE, FEST, N.A.G (Kupfer, Zinkoxid)	ENVIRONMENTA LLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (copper, zinc oxide)	Environmentally hazardous substance, solid, n.o.s (copper, zinc oxide)
14.3 Transport hazard class	9	9	9
14.4 Packaging group	III	III	III
14.5 Environmental hazards	Yes	Yes	Yes

14.6 Special preventive measures for the user

Caution: Various hazardous materials and objects.

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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Transport by land ADR/RID

Danger label 9

Tunnel restriction code E

Classification code M7

Transport as "Limited quantity" as per section 3.4 ADR

Ship transport IMDG

MARINE POLLUTANT

15. STATUTORY REGULATIONS

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

VOC guideline

VOC content: 0%

National regulations:

Information on employment restrictions

The national laws regarding employment restrictions are to be observed.

Water hazard class 2 VwVwS Appendix 4 Hazardous to water

Incident ordinance: Incident ordinance, Appendix I: not mentioned

15.2 Chemical safety assessment

A chemical safety assessment for materials in this mixture have not been carried out.

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16. OTHER INFORMATION

Recommended use and restrictions

Existing national and local laws regarding chemicals are to be observed.
Nur für den gewerblichen Gebrauch. / For industrial use only.

Further information

National special provisions need to be implemented by each user on their own responsibility! 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.

H228 Inflammable solid. H315 Causes skin irritation.
H315 Causes skin irritation.
H318 Causes serious eye damage. H335 May cause respiratory irritation.
H335 May cause respiratory irritation.
H400 Extremely toxic for water organisms.
H410 Extremely toxic for water organisms, with long-term effects.