

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 05.06.2025

Version number 303 (replaces version 302)

Revision: 05.06.2025

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

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- **1.1 Product identifier** 600258

- **Trade name:** Chipping Hammer Paste E-COLL

- **Article number:** 4317784393454

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

- **Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- **Application of the substance / the mixture** Lubricant

- **1.3 Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

E/D/E - Einkaufsbuero Deutscher Eisenhaendlr GmbH

EDE Platz 1

D-42389 Wuppertal

Germany

Tel. +49 202 6096-0

e-mail: sdb@ede.de

- **Further information obtainable from:** Product safety department

- **1.4 Emergency telephone number:**

Poison Control Center Mainz - 24 hour emergency service – phone: +49 (0) 6131/19240

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**SECTION 2: Hazards identification**

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- **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P273 Avoid release to the environment.

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards** Endocrine disrupting properties: The substance is not contained.

**· Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients****· 3.2 Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

**· Dangerous components:**

CAS: 7440-50-8	copper	0-<2.5%
EINECS: 231-159-6	急性毒. 3, H331	
Reg.nr.: 01-2119480154-42-xxxx	急性水生急性 1, H400; 水生慢性 1, H410 急性毒. 4, H302; 眼睛刺激. 2, H319	

**· Additional information:**

CAS: 7440-50-8: Copper flakes (with a coating of aliphatic acid)  
For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures****· 4.1 Description of first aid measures**

- **General information:** Keine besonderen Maßnahmen erforderlich.

**· After inhalation:**

Supply fresh air.  
Seek medical treatment in case of complaints.

**· After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

**· After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Rinse out mouth and then drink plenty of water.

**· 4.2 Most important symptoms and effects, both acute and delayed** Gastric or intestinal disorders**· 4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

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**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.  
Carbon monoxide (CO)  
Sulphur dioxide (SO<sub>2</sub>)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Cool endangered receptacles with water spray.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Well closed, protected from light.

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- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from frost.
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Keep away from foodstuffs, beverages and feed.  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Hand protection**



Protective gloves

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Recommendation: safety glasses with side protection shield

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- **Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information**

· <b>Physical state</b>	Solid
· <b>Colour:</b>	Grey
· <b>Odour:</b>	Mineral-oil-like
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	Not determined.
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Flash point:</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	Not determined.
· <b>Kinematic viscosity</b>	Not determined.
· <b>Kinematic: 23 °C - 4 mm (ISO 2431)</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	0.1 hPa
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.9 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

**· 9.2 Other information****· Appearance:**

Pasty

**· Form:****· Important information on protection of health and environment, and on safety.**

Product is not selfigniting.

**· Ignition temperature:**

Product does not present an explosion hazard.

**· Explosive properties:****· Solvent separation test:**

0.0 %

**· Organic solvents:**

0.00 %

**· VOC (EC) %**

0.0 g/l

**· VOCV (CH)**

0.0 %

**· Change in condition****· Drip point:**

Not determined.

**· Oxidising properties**

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· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

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**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

CAS: 7440-50-8 copper		
Oral	LD50	500 mg/kg (rat)

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Dermal	LD50	>2,000 mg/kg (rat) (OCED 402)	
Inhalative	LC50/4h	1,030 mg/m <sup>3</sup> (rat)	

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards****· Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

**· 12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

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- 12.7 Other adverse effects
- Additional ecological information:

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods:**  
Must not be disposed of together with household waste.  
Do not allow to enter drains or water courses. Dispose of in accordance with official regulations.  
Containers can be recycled if completely empty; if not, dispose product/containers as dangerous waste.  
Observe local regulations.

- **Waste disposal key:**  
The mentioned waste codes are recommendations based on the expected use of this product. Due to the specific use and disposal conditions of the user, other waste codes may also be assigned under certain circumstances. (2014/955/EU)

## • European waste catalogue

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

## \* SECTION 14: Transport information

- **14.1 UN number or ID number**  
· ADR, ADN, IMDG, IATA Void
- **14.2 UN proper shipping name**  
· ADR Void
- **ADN, IMDG, IATA** UN-  
Void
- **14.3 Transport hazard class(es)**
- ADR, ADN, IMDG, IATA  
· Class Void
- **14.4 Packing group**  
· ADR, IMDG, IATA Void
- **14.5 Environmental hazards:**  
· **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable

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—Elli

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- 14.7 Maritime transport in bulk according to IMO instruments Not applicable.
- UN "Model Regulation": Void

**\* SECTION 15: Regulatory information**

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
- Labelling according to Regulation (EC) No 1272/2008  
The product is classified and labelled according to the CLP regulation.
- Hazard pictograms Void
- Signal word Void
- Hazard statements  
H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Chemical safety assessment
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
  - DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II  
None of the ingredients is listed.
  - REGULATION (EU) 2019/1148
    - Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))  
None of the ingredients is listed.
    - Annex II - REPORTABLE EXPLOSIVES PRECURSORS  
None of the ingredients is listed.
    - Regulation (EC) No 273/2004 on drug precursors  
None of the ingredients is listed.
    - Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors  
None of the ingredients is listed.

- Exposure scenario(s)  
Exposure scenario(s) of ingredients (if present) are available on request at:  
sdb@ede.de

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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**· Relevant phrases**

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**· Contact:** sdb@ede.de

**· Date of previous version:** 05.06.2025

**· Version number of previous version:** 302

**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**· \* Data compared to the previous version altered.**

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