

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.02.2012

Version number 1

Revision: 17.02.2012

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

- **Product identifier**
- **Trade name: ACRYSTAL DECOR CUIVRE POUDRE**
- **Article number: 150502.BULK.00**
- **Application of the substance / the preparation**
Solid component of ACRYSTAL materials. Use exclusively with ACRYSTAL liquids.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
ACRYSTAL Sàrl
29A rue du Maréchal Leclerc
F-67460 SOUFFELWEYERSHEIM
FRANCE
- Tel : +33 (0)3.88.45.10.62
e-mail : info@acrystal.fr
- **Informing department:** Acrystal Sàrl - E-mail : info@acrystal.fr
- **Emergency telephone number:** ACRYSTAL Sàrl, Tel : +33 (0)3.88.45.10.62

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC void**
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has not been classified and labelled in accordance with EC Directives / relevant national laws.
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 7440-50-8	copper	substance with a Community workplace exposure limit	50-100%
EINECS: 231-159-6			

- **Additional information** For the wording of the listed risk phrases refer to section 16.

GB

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

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Revision: 17.02.2012

Trade name: ACRYSTAL DECOR CUIVRE POUDRE

(Contd. of page 1)

4 First aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Rinse with warm water.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**
Instantly call for doctor.
Do not induce vomiting; instantly call for medical help.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained breathing apparatus.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Avoid causing dust.
Ensure adequate ventilation
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Collect mechanically.
- **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 information on disposal.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Prevent any penetration into the ground.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 1

Revision: 17.02.2012

Trade name: ACRYSTAL DECOR CUIVRE POWDRE

(Contd. of page 2)

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from heat and direct sunlight.
Store in cool, dry conditions in original sealed container
- **Recommended storage temperature:** +10 °C - +25 °C
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

7440-50-8 copper

WEL	Short-term value: 2** mg/m ³ Long-term value: 0.2* 1** mg/m ³ *fume **dusts and mists (as Cu)
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- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



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 protection:**



Safety glasses

Tightly sealed safety glasses.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 1

Revision: 17.02.2012

Trade name: ACRYSTAL DECOR CUIVRE POUDRE

(Contd. of page 3)

· **Body protection:** Protective work clothing.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· **Form:** Solid.

· **Colour:** Copper coloured

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

· **Melting point/Melting range:** Not determined

· **Boiling point/Boiling range:** Not determined

· **Flash point:** Not applicable

· **Inflammability (solid, gaseous)** Not determined.

· **Ignition temperature:**

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Critical values for explosion:**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Vapour pressure:** Not applicable.

· **Density at 20°C** 2.11 g/cm³ (DIN 51757)

· **Relative density** Not determined.

· **Vapour density** Not applicable.

· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with**

· **Water at 20°C:** 10 g/l

· **Segregation coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· **dynamic at 20°C:** 20 mPas (Brookfield (ISO 2555))

· **kinematic:** Not applicable.

· **Solvent content:**

· **Organic solvents:** 0.0 %

· **Solids content:** 100.0 % (ISO 3251)

· **Other information** No further relevant information available.

-GB-

(Contd. on page 5)

Safety data sheet

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Version number 1

Revision: 17.02.2012

Trade name: ACRYSTAL DECOR CUIVRE POWDRE

(Contd. of page 4)

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Possible in traces.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Must be specially treated under adherence to official regulations.

(Contd. on page 6)

GB

Safety data sheet

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Version number 1

Revision: 17.02.2012

Trade name: ACRYSTAL DECOR CUIVRE POUDRE

(Contd. of page 5)

· European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02 00	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders

· Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number
· ADR, ADN, IMDG, IATA Void

· UN proper shipping name
· ADR, ADN, IMDG, IATA Void

· Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class Void

· Packing group
· ADR, IMDG, IATA Void

· Environmental hazards:
· Marine pollutant: No

· Special precautions for user Not applicable.

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

· Transport/Additional information: Not dangerous according to the above specifications.

· UN "Model Regulation": -

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
· National regulations
· Technical instructions (air):

Class	Share in %
III	50-100

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· VOC (EU) % 0.00 %

· Code MAL 00-1

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

-GB

(Contd. on page 7)

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(Contd. of page 6)

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** Acrystal Sàrl, E-mail: info@acrystal.fr
- **Contact:** ACRYSTAL Sàrl, Tel: +33 (0)3 88 45 10 62, E-mail: info@acrystal.fr
- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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