

Safety Data Sheet

Hazardous Substance, Dangerous Goods

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier: **Craig & Rose Artisan Copper Effect**

Synonyms:

Artisan Copper Effect, 125mL
Artisan Copper Effect, 250mL

Product Code

940105
940121

Bar Code

5036211069968
5036211069647

Relevant identified uses of the substance or mixture and uses advised against: Waterbased, decorative, copper-effect paint. No information for uses advised against.

Details of the supplier of the safety data sheet

Supplier/Distributor: Craig & Rose Paints Ltd.

Company Number: 09968464

Street Address: 20-22 Bedford Row,
London, WC1R4JS
United Kingdom

Telephone: +44 0 138 374 0011

Web Address: www.craigandrose.com

24hr Emergency telephone number: 0800 085 6522

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture: This material is classified as hazardous according to the criteria of Regulation (EC) No. 1272/2008 (CLP).

Acute Hazard to the Aquatic Environment – Category 1 (M-Factor = 10)

Chronic Hazard to the Aquatic Environment – Category 3 (M-Factor = 10)

Label elements/pictogram:



Signal word:

Warning

Hazard statements:

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P391 Collect spillage.

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

Supplemental hazard information

EUH208 Contains: 2-Methyl-2H-isothiazol-3-one (MIT) and 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

Other hazards:

Not applicable

Safety Data Sheet

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	EC No.	REACH Reg. No.	Proportion (% w/w)	Classification
Copper	7440-50-8	231-159-6	#	14	H302, H400, H412
Non-hazardous	-	-	-	Balance	-

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP).

REACH Reg. No – Numbers not Registered are exempted from registration. Import volume is less than 1 tonne per year.

4. FIRST AID MEASURES

Description of first aid measures: If poisoning occurs, contact a doctor or the National Poisons Information Service (Phone 111) or Ambulance (Phone 999).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Self-protection for the first aider: Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Most important symptoms and effects, both acute and delayed: Refer to Section 11 for Toxicological Information.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code: •3Z

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Fire fighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours.

Environmental precautions: Do not let product enter drains. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and material for containment and cleaning up

Small spills: Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

Large spills: Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Reference to other sections: Refer to Section 13 for Disposal Considerations.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Conditions for safety storage, including any incompatibilities: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Specific end use: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Ensure that eyewash stations and safety showers are close to the workstation location.

This material is classified as a Dangerous Good Class 9 Miscellaneous Dangerous Good as per the criteria of "The European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)", "The Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)" and "The European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)" and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational exposure limits: No Workplace Exposure Standard values have been assigned for this specific material by the Health and Safety Executive (HSE).

However, for:

	WES-TWA		WES-STEL		CARCINOGEN	NOTICES
	ppm	mg/m3	ppm	mg/m3	CATEGORY	
Copper, dusts & mists	-	1	-	2	-	-

Assigned by United Kingdom.

As published by GESTIS International Limit Values (http://limitvalue.ifa.dguv.de/WebForm_gw2.aspx).

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

Safety Data Sheet

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological monitoring: No biological monitoring required.

Exposure Controls

Engineering Controls: Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards.

Personal Protection Equipment: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Personal protective equipment should be used only when other control measure (eg. elimination, substitution, isolation and engineering controls) have been found to be impractical or in conjunction with one or more control measures.

Manufacturing, Packing and Transport: Wear overalls, safety glasses and impervious gloves. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of HSE Respiratory Protective Equipment at Work HSGE53.

Recommendations for consumer use: Wear gloves. Wash hands after use.

Environmental Exposure Controls: Keep containers closed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance and odour: Copper coloured, semi-viscous liquid with a mild, characteristic odour.

Solubility:	Miscible with water.
Specific Gravity (20 °C):	1.2
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	N Av
Oxidising Properties:	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Explosive Properties:	N App
Initial Boiling Point/Range (°C):	Approx. 100
Decomposition Point (°C):	N Av
Melting Point/Freezing Point (°C):	N Av
pH:	9 - 10
Viscosity:	N App
Partition Coefficient:	N Av
Evaporation Rate (n-Butyl acetate=1):	N Av
Total VOC (g/Litre):	1.0

(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Possibility of hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Information on Toxicological Effects

Inhalation: Inhalation of mists or aerosols may produce respiratory irritation.

Skin contact: Contact with skin may result in irritation. May cause skin sensitisation in sensitive individuals.

Ingestion: Swallowing can result in nausea, vomiting and abdominal pain.

Eye contact: May be an eye irritant.

Safety Data Sheet

Acute toxicity

Inhalation: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: Based on available data this material has been classified as not corrosive or irritating to eyes.

Skin: Based on available data this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: Based on available data this material has been classified as not a respiratory sensitiser.

Skin: Based on available data this material has been classified as not a skin sensitiser.

Aspiration hazard: Based on conclusive data this material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): Based on available data this material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: Based on available data this material has been classified as non-hazardous.

Carcinogenicity: Based on available data this material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): Based on available data this material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): Based on available data this material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Toxicity

Acute: This material has been classified as a Category Acute 1 Hazard.

Acute toxicity estimate (based on ingredients): <1 mg/L

For the constituent,

*COPPER*¹

96hr LC50 (fish): 0.212 mg/L

48hr EC50 (*Daphnia magna*): 0.44 mg/L

72hr EC50 (algae): 0.0127 mg/L

Chronic: This material has been classified as a Category Chronic 3 Hazard.

Acute toxicity estimate (based on ingredients): 10 - 100 mg/L

Persistence and degradability: Copper is rapidly degradable. It is not persistent in surface waters and has a half-life of less than 22 days. The primary mechanism of removal is sorption to particles which settle to bottom sediments.¹

Bio-accumulative potential: No information available.

Safety Data Sheet

Mobility in soil: No information available.

Results of PBT and vPvB assessment: A PBT/vPvB assessment is not required for this material.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose of in accordance with the countries' Environmental Protection Authority.

14. TRANSPORT INFORMATION

Road and Rail Transport

Classified as Dangerous Goods by the criteria of "The European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)", "The Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)" and "The European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)".

UN No: 3082
Dangerous Goods Class: 9 Miscellaneous Dangerous Goods
Packing Group: III
Hazchem Code: •3Z

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CONTAINS COPPER)

Segregation dangerous goods: Not to be loaded with explosives (Class 1), however exemptions may apply.

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN No: 3082
Dangerous Goods Class: 9 Miscellaneous Dangerous Goods
Packing Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CONTAINS COPPER)

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 3082
Dangerous Goods Class: 9 Miscellaneous Dangerous Goods
Packing Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CONTAINS COPPER)

Special Precautions for User: Not applicable.

Safety Data Sheet

Transport in Bulk according to Annex II MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: This Safety Data Sheet has been written in accordance with Regulation (EC) No. 1272/2008 (CLP) and ECHA corresponding Guidance on the Classification, Labelling and Packaging of Substances and Mixtures (2015, Version 4,1)

All the constituents of this material are listed on the European Chemicals Agency C&L Inventory.

This material is not subject to the following international agreements

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish
- International Convention for the Prevention of Pollution from Ships (MARPOL)
- Annex III - Harmful Substances carried in Packaged Form

Chemical safety assessment: No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. OTHER INFORMATION

Indications of changes: First Issue

Literatures sources and abbreviations

1. *New Zealand Environmental Protection Authority. Chemical Classification and Information Database. Copper*

CLP Classification, Labelling and Packaging
CWEL Community Workplace Exposure Limit
EC European Commission
EC No. EINECS Number
ECHA European Chemicals Agency
H302 Harmful if swallowed
H400 Very toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects.
HSE Health Safety Executive
PVT Persistent, Bioaccumulative and Toxic
vPvB Very Persistent and very Bioaccumulative

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd (chemdata.com.au) on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Craig & Rose Paints Ltd. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

Safety Data Sheet



If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

End of SDS.