

# MATERIAL SAFETY DATA SHEET

**Not Classified as Hazardous according to criteria of Workplace Australia**

**Date of issue February 2005**

## 1. IDENTIFICATION

- 1.1 Product name: Copper Pigment (Metallic Pigment 2)  
1.2 Correct Shipping Name: Copper Bronze Powder  
1.3 UN No.: None allocated  
1.4 Dangerous Goods Class: None allocated  
1.5 Subsidiary Risk: None allocated  
1.6 Hazchem Code: None allocated  
1.7 Pack Group: Not applicable  
1.8 Poisons Schedule: Not applicable  
1.9 Uses: Colourant for paints and lacquers.

## 2. Physical Description/ Properties

- 2.1 Appearance: Gold dry powder.  
2.2 Odour: Odourless  
2.3 Boiling Point: Not applicable  
2.4 Melting Point: Not applicable  
2.5 Vapour pressure: Not applicable  
2.6 Specific Gravity: 8.6  
2.7 Flash Point: Not applicable  
2.8 Solubility in water: Insoluble  
2.9 Flammability limits: Non flammable

## 3.0 Other properties

- 3.1 pH(At 10gm/250ml H<sub>2</sub>O): Not available  
3.2 Fineness: 300 BS Mesh

## 4.0 Ingredients

Chemical entity	CAS No.	Proportions
Copper	(7440-50-8)	90-70%
Zinc	(7440-66-6)	10-30%

## **5. HEALTH HAZARD INFORMATION**

### **5.1 Health effects-Acute**

#### **Swallowed**

Ingestion can cause gastric disturbances. Oral LD50=not available

#### **Eye**

Contact with eyes may cause irritation.

#### **Skin**

No data available Dermal LD50=not available

#### **Inhaled**

Inhalation may irritate the respiratory tract. Inhalation LC50=not available.

#### **Health effects-Chronic**

There has been no reports in literature of health effects in workers arising from long term exposure to this substance and no comprehensive human or animal studies have been conducted.

#### **First Aid**

##### **Swallowed**

Give plenty of water to drink, induce vomiting and seek medical attention promptly.

##### **Eye**

Flush eyes with copious amounts of clean water for at least 15 minutes, retract eyelids often.

If irritation occurs seek medical attention.

##### **Skin**

Wash affected areas thoroughly with clean water.  
If irritation occurs seek medical attention immediately.

##### **Inhaled**

Remove victim to fresh air. If difficulty in breathing or irritation occurs see medical attention immediately.

#### **Advice to doctor**

Treat symptomatically based on judgement of doctor and individual reactions of the patient.

## **6.0 PRECAUTIONS FOR USE**

### **6.1 Exposure standards**

No exposure standard allocated.

### **3.2 Engineering controls**

Provide general exhaust ventilation to keep exposure levels to a minimum.

### **3.3 Personal protection**

Antidust mask, goggles and gloves are recommended when handling this product.  
Avoid inhalation and provide adequate ventilation.

### **3.4 Flammability**

Non flammable under conditions of use.

## **7.0 SAFE HANDLING INFORMATION**

### **7.1 Storage/Transport**

A moderately dry, well ventilated area is considered adequate for handling and storage.  
Avoid direct heat source.

This product is non-toxic and does not require special notices for transport handling.  
Keep containers tightly sealed.

### **7.2 Spills and Disposals**

#### **Spills**

Remove without raising dust.

#### **Disposal**

Dispose in accordance with all Local, State and Federal regulations by incineration at an approved waste disposal site.

## **4.4 FIRE AND EXPLOSION HAZARD**

### **Extinguishing Media**

Extinguishing material = water and foam.

Unsuitable extinguishing media =CO<sub>2</sub>

Use media appropriate to surrounding fire conditions.

### **5.1 Contact points**

<b>Organisation</b>	<b>Location</b>	<b>Telephone</b>	<b>Ask for</b>
Langridge Artist Colours	Yarraville, Victoria	(03) 9689 0577	Mr. D. Coles