

# 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:	Carbon Black Pigment (Pigment Black 6)
1.2 Correct Shipping Name:	Carbon Black Pigment
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

## 2. Physical Description/ Properties

2.1 Appearance:	Black dry powder.
2.2 Odour	Odourless
2.3 Boiling Point:	Not applicable
2.4 Melting Point:	>3500 deg. celcius
2.5 Vapour pressure:	Not applicable
2.6 Specific Gravity:	1.79
2.7 Flash Point:	Not applicable
2.8 Solubility in water:	Insoluble
2.9 Flammability limits	above 260 deg. celcius

## 4.0 Ingredients

Chemical entity	CAS No.	Proportions
Carbon Black	(1333-86-4)	100%

## **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**

May cause irritation to individuals with sensitive skin, resulting in redness and itching.

#### **Inhaled**

Inhalation of dust may cause irritation to the mucous membrane and upper airways.

### **Health effects-Chronic**

Prolonged or repeated exposure to this material may aggravate existing respiratory disorders.

**Carcinogenicity** IARC has recently reviewed carbon black and published a monograph changing the classification from Category 3 (Insufficient evidence to make a determination) to Category 2B (Possible human carcinogen).

#### **First Aid**

##### **Swallowed**

Give plenty of water to drink, DO NOT induce vomiting. 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**

10 mg/m<sup>3</sup>

### **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

Combustible Solid

## 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

Combustible Solid

### Fire/Explos. Hazard

This material is slight fire hazard when exposed to heat or flame. Thin layers of dust will ignite at about 260°C. dust clouds can ignite on contact with an intensely heated surface, presenting a fire, more than an explosive hazard. Burning carbon black can produce carbon monoxide and sulfur oxides.

### Hazardous Decomposition or Byproducts

Carbon monoxide, carbon dioxide, sulfur oxides

### Fire Fighting Precautions

Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise skin exposure.

### Extinguishing Media

Water fog. It may not be apparent that carbon black is burning unless material is stirred and sparks are evident.

### 5.1 Contact points

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