

# 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:          | Prussian Blue Pigment (Pigment Blue 27) |
| 1.2 Correct Shipping Name: | Prussian Blue 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:          | Blue dry powder. |
| 2.2 Odour                | Odourless        |
| 2.3 Boiling Point:       | Not applicable   |
| 2.4 Melting Point:       | N/A              |
| 2.5 Vapour pressure:     | Not applicable   |
| 2.6 Specific Gravity:    | N/A              |
| 2.7 Flash Point:         | Not applicable   |
| 2.8 Solubility in water: | soluble          |
| 2.9 Flammability limits  | N/A              |

## 4.0 Ingredients

| Chemical entity | CAS No.      | Proportions |
|-----------------|--------------|-------------|
| Pigment Blue 27 | (14038-43-8) | 100%        |

## **5. HEALTH HAZARD INFORMATION**

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

#### **Swallowed**

Considered slightly toxic by ingestion

#### **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. 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

Non Flammable

## 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

### Fire/Explos. Hazard

### Hazardous Decomposition or Byproducts

Hydrogen cyanide, ammonia, carbon monoxide, carbon dioxide, cyanogen.

Decomposition Temp. >140 deg. C

### Fire Fighting Precautions

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

### Extinguishing Media

Water Spray. Do Not use foam or dry agents.

### 5.1 Contact points

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