

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: Mars Black Pigment (Pigment Black 11)
1.2 Correct Shipping Name: Mars 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: >1000 deg. celcius
2.5 Vapour pressure: Not applicable
2.6 Specific Gravity: 4.6
2.7 Flash Point: Not applicable
2.8 Solubility in water: Insoluble
2.9 Flammability limits: N/A

4.0 Ingredients

| Chemical entity | CAS No. | Proportions |
|------------------|-------------|-------------|
| Pigment Black 11 | (1317-61-9) | 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.

First Aid

Swallowed

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/m³

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

Thermal decomposition : from approx. 80 deg C oxidation and conversion to Fe₂O₃.
Hazardous decomposition products : no hazardous decomposition products observed.
Hazardous reactions : no hazardous reactions observed.

Fire Fighting Precautions

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

Extinguishing Media

Use equipment/media appropriate to surrounding fire conditions. No restriction in fire conditions.

5.1 Contact points

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