

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **B101 Maize yellow**
Chemical name Preseodymium yellow, and orange pigment.
Synonyms None
Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
Fax: 01761 414115
Internet: coshh@bathpotters.demon.co.uk

2. Composition

| Component | CAS EINECS | % of composition |
|------------------------|------------|------------------|
| C.I.Pigment yellow 159 | 68187-15-5 | 66 |
| C.I.Pigment brown 24 | 68186-90-3 | 34 |

3. Health Hazard Identification

Inhalation Excessive exposure may cause symptoms of chronic lung disease.
Ingestion The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes May cause physical irritation and inflammation.
Skin The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion Do not induce vomiting, seek medical advice.
Eyes Wash immediately with copious amounts of water. Seek medical attention if irritation persists.
Skin Wash affected areas with water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions.
Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment Respiratory protective equipment.

7. Handling & Storage

Handling Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material
Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)

Storage Store in dry area

8. Exposure Control/Personal protective Equipment

| | |
|-------------------------------|--|
| Engineering controls | Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended |
| Personal protective equipment | Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact. |

9. Physical & Chemical properties

| | |
|----------------------|-------------------------|
| Appearance & Odour | Cream powder, odourless |
| Flash point (°C) | Not applicable |
| Flammability | Not applicable |
| Explosive properties | Non-explosive |
| Oxidising properties | None |
| Specific gravity | Not applicable |
| Solubility | Insoluble |
| Melting point (°C) | Not available |

10. Stability & Reactivity

| | |
|-----------------------------------|------------------------|
| Chemical stability | The material is stable |
| Conditions/materials to avoid | None known |
| Hazardous decomposition products | None known |
| Hazardous polymerisation products | None |

11. Toxicology Information

| | |
|------------------|------------|
| Acute toxicology | None known |
| Health effects | None known |

12. Ecological information

| | |
|-------------|------------|
| Ecotoxicity | Not known. |
| Persistence | Not known |

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

| | | |
|---------------|------|----------------|
| UN/SI No. | | Not classified |
| UN Class | | Not classified |
| Packing group | | Not classified |
| Road | UK | Not classified |
| ADR | | Not classified |
| Sea | IMO | Not classified |
| Air | ICAO | Not classified |

15. Regulatory information

EC Supply Labelling Harmful
R-Phrases R20/21 Harmful by inhalation and if swallowed.
S-Phrases S13 Keep away from food, drink and animal feeding stuffs
S20/21 When using do not eat, drink or smoke
S22 Do not breath dust or spray

| UK Occupational exposure limits* | Mg/m ³ 8 hr TWA | % in product |
|----------------------------------|----------------------------|--------------|
| Zirconium compounds (as Zr) | 5 | 26 |

* refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP: H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96: Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP: H.S.C. Approved Code of Practice for Saftey Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40: HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

April 1999-09-17