

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **Potters Plaster and Hi-Density Plaster**
Chemical name Calcium sulphate hemihydrate
Synonyms
Supplier Bath Potters' Supplies, 2 Dorset Close, Bath, BA2 3RF
Emergency numbers 01225 337046

2. Composition

| Component | CAS | EINECS | % of composition |
|------------------|----------|--------|------------------|
| Calcium sulphate | 25202090 | | >90% |

May contain clay and limestone and minor amounts of quartz.

3. Health Hazard Identification

Inhalation Excessive exposure to any dusty residue may cause irritation of the respiratory tract and mucous membranes, and cause symptoms of chronic lung disease.
Ingestion The product is of low solubility in body fluids and likely to be of low acute toxicity.
Eyes May cause physical irritation and inflammation.
Skin The product is classed as a minor irritant, but as with any abrasive powder it may cause minor irritation and/or sensitisation. Produces an exothermic reaction when mixed with water.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical advice if irritation persists.
Ingestion Do not induce vomiting, rinse mouth with water (provided patient is conscious). Seek medical advice if irritation persists, or if ingestion was particularly large.
Eyes Irrigate immediately with copious amounts of water for 15 minutes, paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin Remove contaminated clothing and wash affected areas with soap and water, if irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions. The product is not explosive or combustible. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard None
Protective equipment None other than required for surrounding fire conditions

6. Accidental Release Measures

Leaks & Spills Remove dry materials either by a vacuum cleaner fitted with an efficient particulate filter or by damping down and scooping in to a receptacle
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 a sealed container in normal dry conditions.

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 prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact. |

9. Physical & Chemical properties

| | |
|----------------------|------------------------------|
| Appearance & Odour | Off-white powder. Odourless. |
| Flash point (°C) | Not applicable |
| Flammability | Not applicable |
| Explosive properties | Non-explosive |
| Oxidising properties | None |
| Specific gravity | 2 —3 |
| pH value | 7 |
| Melting point (°C) | N/a |

10. Stability & Reactivity

| | |
|-----------------------------------|--|
| Chemical stability | The material is stable in normal atmospheric conditions. |
| Conditions/materials to avoid | Avoid contact with acids |
| Hazardous decomposition products | None known |
| Hazardous polymerisation products | None known |

11. Toxicology Information

| | | |
|------------------|---|-----------|
| Acute toxicology | LD ₅₀ Oral | Not known |
| | LD ₅₀ Dermal | Not known |
| | LD ₅₀ Inhalation | Not known |
| Health effects | Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs. | |

12. Ecological information

| | |
|-------------|--|
| Ecotoxicity | Forms a solution with water and then solidifies. |
| Persistence | The product can set in water courses and should not be voided to drains. |

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 | None required by directive 88/379/EEC, and subsequent amendments. | |
| R-Phrases | None | |
| S-Phrases | Optional for dusty powders: S20/2 1 When using do not eat, drink or smoke. S22/23 Do not breath dust or fumes/spray S38 In case of insufficient ventilation wear suitable respiratory equipment. | |
| UK Occupational exposures limits* | Mg/m ³ 8 hr TWA | % in product |
| Dusts: Total inhalable | 10 | |
| respirable | 5 | |

* 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.

DP: H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
COP: Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
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.

August 2000-08-18