

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **Potclays ceramic body in a plastic form. (See summary at document end.)**
Chemical name Plastic clay.
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
'Low toxicity dust' (e.g. feldspathic and, ceramic minerals, clays etc.)			Major component.
Crystalline silica, quartz		14808-60-7	2388784 <50%

Products may include trace amounts of organic identification dyestuffs.

3. Health Hazard Identification

Inhalation Excessive exposure to dust or fettled waste, may cause symptoms of chronic lung damage.
Ingestion Product of low solubility in body fluids and likely to be of low acute toxicity.
Eyes May cause physical irritation and inflammation.
Skin Not a primary irritant. Any abrasive powder may give minor irritation.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion Do not induce vomiting. Rinse mouth with water and give 200-300ml (1/2 pint) of water to drink (provided patient is conscious), seek medical advice.
Eyes Wash immediately with copious amounts of water for 15 minutes. 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.
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 a specific P3 particulate filter, or by damping down and scooping in to a receptacle. Small spillages may be washed into drains with plenty of water (provided effluent consent conditions are complied with).
Protective equipment Respiratory protective equipment required for material in a dry state.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash hands/skin thoroughly after handling. Dust can occur during the processing of this material, especially during; fettling & burnishing before firing, the use of local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in sealed packaging (e.g. as supplied) in normal dry conditions, to ensure no loss of moisture and the dust production will be minimised.

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 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, which do not retain dust, are recommended for prolonged contact. Safety glasses or goggles (to BS2092) recommended if contact with eyes is possible.

9. Physical & Chemical properties

Appearance & Odour	Plastic odourless solid (pugged sections or filter cake)
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising
Specific gravity	Ca. 2.6 (dry product)
pH value	Not available
Melting point (°C)	Greater than 1000°C (dry product)

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	Loss of moisture will occur on exposure to the atmosphere
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 inhalation of dry dust (crystalline silica) above Occupational Exposure Standards, may result in chronic lung damage (silicosis).	

12. Ecological information

Ecotoxicity	Not known.
Persistence	Products are essentially insoluble in water

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1996). Landfill is the most appropriate method. Small amounts may be washed into trade effluent drains, provided effluent conditions are complied with.

14. Transport Information

UN/SI No.		None
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	
R-Phrases	None required	
S-Phrases	Optional for dust residue from plastic product: S20/21 When using do not eat, drink or smoke. S38 In case of insufficient ventilation wear suitable respiratory equipment.	
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA	% in product
Crystalline silica: dust	0.3	

* 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

Product codes covered by this data sheet;

1102, 1104, 1106, 1114, 1114M, 1124, LT25, 1141/30, 1142, 1142/30, 1144, 1147, 1149, 1151, 1154, T Material, 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 Safety 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.

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