

# POTTERYCRAFTS LIMITED

## MATERIAL SAFETY DATA SHEET COSHH\_ 223

### 1. Identification of the preparation/Supplier reference

Trade Name Ceramic body (clay) in plastic form

B102- Red Terracotta, B103- Red Terracotta Grogged, B104 – Alpha White Earthenware, B106- Briar Buff Earthenware/ Stoneware, B108 – Briar Ironstone, B110- Rich Toasted Stoneware, B112 - Polar White Stoneware, BB113 – Polar White Textured Stoneware, B118 – Special Translucent Porcelain, B120 - Audrey Blackburn Porcelain, B122 Parian Body.

**CWE- White Earthenware**

Chemical name

Synonyms

Supplier

PotteryCrafts Ltd, Campbell Road, Stoke on Trent ST4 4ET, UK

Emergency numbers

01782 745000 - internet lab@potteryCrafts.co.uk

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### 2. Composition

Component	CAS	Wt %
Low toxicity dust (eg feldspathic And, ceramic minerals, clays etc.)		major component
Crystalline silica, quartz	14808-60-7	<50%

Products may include trace amounts of organic identification dyestuffs

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### 3. Health Hazard Identification

As supplied in the pugged or press-cake form, the products do not present a significant health hazard.

If the product is allowed to dry, any powder product generated is hazardous to health by inhalation. Excessive and repeated inhalation of quartz over a prolonged period can cause chronic lung damage.

Product in the plastic form is not classified as dangerous for labelling purposes (UK Regs).

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## 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 (half a pint) of water to drink (provided the patient is conscious)
Eyes	Irrigate with clean water for 15 minutes and seek medical assistance
Skin	Remove contaminated clothing. Wash with soap and water. Seek medical advice if any irritation persists.

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## 5. Fire Fighting Measures

The product is not combustible or explosive. It is compatible with all standard fire-fighting techniques (eg use of water, carbon dioxide, dry powder, sand and chemical foam extinguishers).

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## 6. Accidental Release Measures

Place waste in suitable container prior to disposal

Small spillage may be washed to drains with plenty of water (provided effluent consent conditions are complied with).

Refer also to sections 7 and 13

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## 7. Handling & Storage

Handling	Wash hands/skin after use. If during processing exposure to product dust can occur, the use of local exhaust ventilation is the recommended means of complying with Occupational Exposure Limits. Refer also to section 8
Storage	Store in sealed packaging (eg as supplied) in normal, dry conditions to ensure loss of moisture is minimised.

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## 8. Exposure Control/Personal protective Equipment

Engineering controls	If necessary, local exhaust ventilation should be provided to minimise inhalation (dry powder products) to comply with the Occupational Exposure Limits (MEL's, OES's) - Refer to the latest edition of HSE Guidance Note EH40
Personal protective equipment	Respiratory protection HSE approved respiratory device for dust if engineering controls do not provide adequate protection Hand/skin protection Overalls (which do not retain dust) Gloves (of skin contact is persistent) Eye protection Safety glasses or goggles (to BS2092) recommended if contact with eyes otherwise possible

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## 9. Physical & Chemical properties

Appearance & Odour	Plastic solid (pugged sections or filter cake)
Odour	Odourless
Solubility in water	Negligible (dry product)
Specific gravity (20°C)	Ca. 2.6 (dry product)
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising
pH value	Not available
Melting point (°C)	Greater than 1000°C

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## 10. Stability & Reactivity

Stable under normal conditions except that loss of moisture will occur on exposure to the atmosphere. Hazardous polymerisation will not occur. No hazardous decomposition products under foreseeable circumstances.

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## 11. Toxicology Information

Acute toxicology	No specific test data available
Health effects	Chronic lung damage (silicosis) may result from repeated, excessive inhalation of crystalline silica

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## 12. Ecological information

Ecotoxicity	No specific data available
Persistence	Products are essentially insoluble in water

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## 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.

Small amounts may be washed to trade effluent drains provided effluent conditions are complied with.

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## 14. Transport Information

No special precautions are required

UN/SI No.	Not classified	
CHIP classification	Not classified	
Packing group	Not classified	
Road	UK	Not classified
	ADR	Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

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## 15. Regulatory information

Chemicals (Hazard Information and Packaging) regulations, (CHIP) SI 1993 No.1746  
Supply hazard classification HARMFUL Xn

R-Phrases	R20	harmful by inhalation
	R48	danger of serious damage to health by prolonged exposure
S-Phrases	S22/23	do not breathe dust or spray
UK Occupational exposures limits	MEL	0.3mg/ 8hr TWA

In accordance with HSE 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

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## 16. Other information

### References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96 Regulations	Chemicals (Hazard Information and Packaging for Supply) 1996
CHIP SDS ACOPS accordance with	HSC Approved Code of Practice for Safety data Sheets in regulation 6 of the CHIP regulations
HSE EH40 used in	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations
BS2092 Specifications for industrial eye protectors ( to be replaced by BS EN 166, 167 and 168)	
HSE/HMSO Publications	
Guidance note EH40	Occupational Exposure Limits (refer to the latest issue)
Guidance note EH44	Dust in the workplace, general principles of protection
Guidance booklet HS(G) 37	An introduction to Local exhaust ventilation
Guidance Booklet HS(G) 53	Respiratory protective equipment - A practical guide for users
Personal protective equipment at work regulations, SI 1992, No. 2966	

This Data sheet revision is in accordance with the requirements of EEC Directive 91/55/EEC Issue No. (D)

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## Footnote

### LIABILITY

Such information is the best of PotteryCrafts Ltd's knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

### THIRD PARTY MATERIALS

Insofar as materials not manufactured or supplied by PotteryCrafts Ltd are used in conjunction with, or instead of PotteryCrafts Ltd materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of PotteryCrafts Ltd materials in conjunctions with other materials.

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## 17. National Legislation

### UK Legislation

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993  
Environmental Protection (Duty of Care) regulations 1992 SI 2839  
Carriage of Dangerous goods by Road and Rail Regulations 1994  
Control of pollution Act 1974  
Environmental Protection Act 1990  
Highly Flammable Liquids and Petroleum Spirit Regulations 1972  
EH40 Occupational Exposure Limits  
SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

### Important notes

Design CHIP-002

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.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

18 January 2010