

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the Preparation/Supplier reference

Trade Name **B292 Stoneware Blue/Grey glaze**
Chemical name Not known
Synonyms None known
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
China clay and related materials	N/A	N/A	89%
Quartz	14808-60-7	N/A	10%
Iron oxide	1309-37-1	N/A	0.8%
Copper oxide	1317-38-0	N/A	0.2%

All contents quoted relate to dry weight of product. In the glaze suspension state, minor amounts of organic binders/biocides and identification dyestuffs may also be added.

3. Health Hazard Identification

Inhalation Excessive exposure to dust or spray may give rise to irritation of the respiratory tract, and cause symptoms of chronic lung disease. See also section 11.
Ingestion The product is of low solubility in body fluids and it is likely to be of low acute toxicity. See section 11.
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. Some cobalt compounds have been shown to cause dermatitis and sensitisation.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice if discomfort persists.
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. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard In the event of 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. Absorb slop spillage in an inert material such as sand, and rinse tract amounts with water into drains (provided local effluent control limits are complied with). 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 a secure container in normal dry conditions at room temperature, and away from direct sunlight.

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. Goggles (to BS2092) are recommended if eye contact is possible.

9. Physical & Chemical properties

Appearance & Odour	Fine powder or aqueous suspension, odourless
Flash point (°C)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising
Specific gravity	2.5 –3 (dry product)
Solubility	Not applicable
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable under normal conditions.
Conditions/materials to avoid	Cobalt is soluble in acids.
Hazardous decomposition products	None known
Hazardous polymerisation products	None known

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Chronic lung damage (silicosis) may result from repeated excessive inhalation of crystalline silica present in raw materials. Prolonged or repeated exposure to cobalt compounds, above Occupational Exposure Standards, may cause Aggravation of asthma, sensitisation, cancer, blood disorders and damage to the heart, thyroid and pancreas. Due to the very small quantities of metal oxides present in the product the risk of suffering from these types of poisoning are small, but the product still needs to be handled with care.

12. Ecological information

Ecotoxicity	No specific test data available. Persistence No specific test data available.
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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.

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	ICAONot classified

15. Regulatory information

EC Supply Labelling	Harmful X,	
R-Phrases	R20/22 Harmful by inhalation amid if swallowed. R43 May cause sensitisation by skin contact. R48 Danger of cumulative effects.	
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs. S20/21 When using do not eat, drink or smoke. S22/23 Do not breath dust or spray. S28 After contact with skin, wash immediately with plenty of soap and water. S38 In case of insufficient ventilation wear suitable respiratory equipment.	
UK Occupational exposure limits*	Mg/mn ³ 8 hr TWA	% in product
Crystalline Silica (respirable)	0.40	10'Yo
Iron oxide (as low tox. dust) · inhalable	10.0	0.8%
-respirable	5.0	ditto
Cobalt compounds (Co ₃ O ₄)	0.10	0.2%

*Refer to HSE Guidance note EH4O

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 time Control of Substances Hazardous to Health Regulations 1994.
CFIIP 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 time CHIP regulations.
HSE EH4O:	HSE Guidance note EH4O on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

Time 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 time information contained within this data sheet is offered solely for use in time 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 2000-08-31.