

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **P4302 Kingfisher Blue, P4309 Reed Green.**
Chemical name A Mixture of chemicals (blend of stains and slips)
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
Hazardous component is lead	65997-17-3		30-60% - P4302 10-30% - P4309
Cobalt Oxide (Co)	1308-60-1		1-5%

The threshold for Toxic Classification under CHIP 2 is 0.5% Pb

3. Health Hazard Identification

Inhalation Excessive exposure may cause lead poisoning and symptoms of chronic lung disease.
Ingestion Low sol. product in body fluids and 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 irritation and/or sensitisation.

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 copious amounts of water, provide fresh air and seek medical advice.
Eyes Wash immediately with copious amounts of water while lifting the eyelid. 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 In the event of a fire the product may emit toxic fumes.
Protective equipment As a safety precaution keep upwind to avoid possible exposure to fumes, and use self-contained breathing apparatus.

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), especially when the liquid is allowed to dry out it can create a dusty residue.

Storage Store in dry area, and keep containers closed when not in use.

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. Chemically resistant protective gloves and overalls are recommended for prolonged contact. Safety goggles should be used for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Odourless coloured powder and pastes.
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	3-5
pH value	7 (insoluble in water)
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	Avoid damp atmosphere if the product is in powder form.
Hazardous decomposition products	None known
Hazardous polymerisation products	None known

11. Toxicology Information

Acute toxicology	LD ₅₀ Oral	>2000 mg/kg
	LD ₅₀ Dermal	Not known
	LD ₅₀ Inhalation	Not known
Health effects	Prolonged or repeated exposure to the dust of this product, above Occupational Exposure Standards may cause chronic lung damage, and also cause lead to accumulate in the body. In serious cases this may cause anaemia, damage to the kidneys and central nervous system. Lead in the blood of pregnant women may affect the development of the unborn child. Persons exposed to lead compounds should have regular health checks, which should include lead in blood monitoring.	

12. Ecological information

Ecotoxicity	No specific data available but not expected to be hazardous.
Persistence	No specific data available but not expected to be hazardous.

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980), Environmental Protection Act 1990, and observing the requirements of the "Duty of Care". 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 X _n	
R-Phrases	R20/22 Harmful by inhalation and if swallowed, and in contact with skin. R33 Danger of cumulative effects. R43 May cause sensitisation by skin contact. R61 May cause harm to the unborn child.	
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. S38 In case of insufficient ventilation wear suitable respiratory equipment.	
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA	% in product
Lead compounds (Pb)	0.15	30-60% - P4302 10-30% - P4309

* Refer to HSE Guidance note EH40. All products containing lead compounds are subject to the control of lead at work regulations 1980, via the HSC approved code of practise 1985.

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 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.
EP'92:	Environmental Protection (Duty of Care) regulations 1992 SI 2839.
CDRR 1994:	Carriage of Dangerous goods by Road and Rail Regulations 1994.
CA 1974:	Control of pollution Act 1974.
EPA 1990:	Environmental Protection Act 1990.
HFLPSR 1972:	Highly Flammable Liquids and Petroleum Spirit Regulations 1972.

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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