Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B161 Underglaze Grey**
Chemical name	Cobalt / Vanadium grey.
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
C.I.Pigment Black 23	68187-54-2	11%
C.I.Pigment Blue 71	68186-87-8	12%
Borosilicate Flux	65997-18-4	38%

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is 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 minor irritation. Some cobalt compounds have been known to produce 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.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets pying particular attention to under eyelid. Seek medical attention is irritation persist.
Skin	Wash affected areas with 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 a 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. 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 dry area.

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.

9. Physical & Chemical properties

Appearance & Odour	Grey powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity.
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

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	Harmful $\mathbf{X_n}$
R-Phrases	R20/22 Harmful by inhalation and if swallowed. R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feed stuffs. S20/21 When using do not eat, drink or smoke. S28 Avoid 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/m^3 8 hr TWA	% in product
Cobalt compounds (as Co)	0.10	2.2

* 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.

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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.

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 2000-08-25