

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name Amaco velvet underglazes - see summary at end of data sheet
Chemical name Mixture of chemicals
Synonyms Amaco velvets
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
Quartz	14808-60-7	2388784	10-40%

Supplied in slop state, organic binders/anti-bacterial agents are present - concentration of less than 4.0 % by weight. When dry this material offers the normal hazards associated with any dry powder of a slightly abrasive nature. In dry state forms low toxicity dust with an occupational exposure value of 10 mg/m³ (nuisance dust).

3. Health Hazard Identification

Inhalation Excessive exposure to the dusty residue may cause symptoms of chronic lung disease.
Ingestion The product is 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, but any abrasive powder may give rise to sensitisation and irritation

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention if respiratory tracts are irritated.
Ingestion Do not induce vomiting. If the patient is conscious rinse out the mouth with copious amounts of water, and give 200-300ml of water to drink. Seek medical advice.
Eyes Irrigate immediately for 15 minutes with copious amounts of water, 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. 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 Large spillage of slop materials should be absorbed with an inert material such as sand. Trace elements may be washed away with water into drains (observe local effluent conditions). Remove any dry materials either by a vacuum cleaner fitted with an efficient particulate 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 EH4O - latest edition).
Storage	Store in dry area out of direct sunlight, and always close the lid 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. Protective gloves and overalls are recommended for prolonged contact. Goggles to BS2092 are also recommended if eye contact is likely.

9. Physical & Chemical properties

Appearance & Odour	Coloured aqueous suspension, with a faint chemical odour.
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	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None known

11 Toxicology Information

Acute toxicology	None known
Health effects	Excessive exposure to the dusty residue may cause symptoms of chronic lung and due to time presence of crystalline silica in some of the raw materials over a prolonged period this could lead to fibrosis of the lungs (silicosis). As the product is supplied as an aqueous suspension silicosis is unlikely, so long as safe working practises and good house-keeping are observed.

12 Ecological information

Ecotoxicity	Not known.
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Persistence	Not known.

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is time most appropriate method. Small spillages may be washed into drains with plenty of water, provided that local effluent consent conditions are complied with.

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, R-Phrases	R20 Harmful by inhalation R48 Danger of serious damage to health by prolonged exposure.
S-Phrases		S20/21 When using do not eat, drink or smoke. S22/23 Avoid breathing dust or spray. S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposures limits* Mg/in ³ 8 hr TWA		% in product
Crystalline silica (Supplied as a slop, see section 2)	0.40	10-40%

* Refer to HSE Guidance note EI-140

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 (COSI-IH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. Other information

This data sheet covers the following products;

V315 Peach	V333 Avocado	V356 Pearl Grey	V384 Real Orange
V323 Salmon	V336 Royal Blue	V380 Violet	
V325 Baby Blue	V345 Light Green	V382 Red	
V326 Medium Blue	V350 Orange	V383 Light Red	

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:	F.I.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSF 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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