

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name Leadless powdered glaze EB1P to EB26P inclusive.
Chemical name Mixture of chemicals
Synonyms: powder glaze, dipping glaze.
Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
 Radstock, Nr. Bath. BA3 4XE
Contact numbers telephone 01761 411077 Internet sales@bathpotters.co.uk

2. Composition

Component CAS EINECS % of composition
Frits, chemicals 65997-18-4 2660476 100

Supplied in powder state,

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 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, give water to drink. Seek medical advice.
Eyes Wash immediately with copious amounts of water. 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 None
Protective equipment None other than required for surrounding fire conditions

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.

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 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	Aqueous suspension, odourless, various colours dependent on code number.
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	3-5
pH value	7 When water is added parts soluble and some part insoluble
Melting point (°C)	1020°C

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 disease.

12. Ecological information

Eco toxicity	Not known. The product is practically insoluble in water
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. 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 Xn
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 feeding stuffs. S20/21 When using do not eat, drink or smoke. S23 Avoid breathing dust. S25 Avoid contact with eyes. S91 Wash hands immediately after handling.
UK Occupational exposures limits*	Supplied as a powder (See section 2.) Mg/m ³ 8 hr TWA % in product * 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.

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.

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