



SAFETY DATA SHEET

1480

TERRACOTTA CASTING SLIP

1. Identification of substance/preparation and of the company undertaking

| | |
|--------------------|--------------------------------|
| Product: | 1480 – Terracotta Casting Slip |
| Company Supplying: | As above |

2. Composition /information on ingredients

| Component | CAS | EINECS | % of composition |
|---|------------|--------|--------------------------|
| 'Low toxicity dust' (e.g. feldspathic and ceramic materials, clays) Crystalline silica, quartz | 14808-60-7 | - | major component < 50% |

Products may include trace amounts of organic identification dyestuffs

3. Hazards Identification

As supplied in the pugged or press-cake form, the products do not present a significant health hazard. If the product is allowed to dry, any powder product generated is hazardous to health by inhalation. Excessive and repeated inhalation of quartz over a prolonged period can cause chronic lung damage. The product in plastic form is not classified as dangerous for labelling purposes (UK Reg.).

| | |
|-------------------|---|
| 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 | |

4. First Aid Measures

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|-------------------|---|
| Inhalation | Remove patient to fresh air, loosen tight clothing and seek medical attention. |
| Ingestion | Do not induce vomiting. Rinse mouth with water and give 200-300ml (half a pint) of water to drink, provided the patient is conscious. |
| Eyes | Wash immediately with copious amounts of water for 15 minutes and seek medical advice. |
| Skin | Remove contaminated clothing. Wash affected areas with soap and water. Seek medical advice if irritation persists. |



5. Fire Fighting Hazards

The product is not combustible or explosive. It is compatible with all standard fire-fighting techniques (e.g. use of water, carbon dioxide, dry powder, sand and chemical foam extinguishers)

Extinguishing Media

Special Exposure Hazard

Personal protective equipment

6. Accidental Release Measure

Leaks & Spills

Place waste in suitable container prior to disposal.
Small spillage may be washed to drains with plenty of water, provided effluent conditions are complied with. Refer further to section 7 and 13.

Personal 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. If during processing exposure to dust can occur the use of local exhaust ventilation is the recommended means of complying with Occupational Exposure Limited. Refer further to section 8.

Storage

Store in sealed packaging (e.g. as supplied) in normal, dry conditions to ensure loss of moisture is minimised.

8. Exposure Control/Personal Protection

Engineering controls

Adequate ventilation should be provided so that Occupation Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended. Refer to the latest edition of HSE Guidance note EH40.

Personal protective equipment

Respiratory protection
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.
Hand/skin protection
Protective gloves and overalls which do not retain dust are recommended for prolonged contact.
Eye protection
Safety glasses or goggles to BS2092 are recommended if contact with eyes is otherwise possible.



9. Physical & Chemical Properties

| | |
|-------------------------|-----------------------------------|
| Appearance | Plastic solid |
| Odour | Odourless |
| pH | Not available |
| Melting point (°C) | Greater than 1000°C (dry product) |
| Specific gravity (20°C) | Ca.2.6 (dry product) |
| Explosive properties | Non-explosive |
| Oxidising properties | Non-oxidising |
| Solubility in water | Negligible (dry product) |

10. Stability & Reactivity

| | |
|-----------------------------------|---|
| Chemical stability | Stable under normal conditions, except that loss of moisture will occur on exposure to atmosphere |
| Conditions/materials to avoid | None under foreseeable circumstance |
| Hazardous decomposition products | |
| Hazardous polymerization products | Will not occur |

11. Toxicological Information

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|------------------|---|
| Acute toxicology | No specific test data available |
| Health effects | Chronic lung damage (silicosis) may result from repeated, excessive inhalation of crystalline silica. |

12. Ecological Information

| | |
|-------------|---|
| Ecotoxicity | No specific data available |
| Persistence | Products are essentially insoluble in water |

13. Disposal Considerations

Dispose in accordance with current waste Disposal regulations (for UK – Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

Small amounts may be washed to trade effluent drains provided effluent conditions are complied with



14. Transport Information

| | | |
|---------------|-----------|----------------------------------|
| UN/SI No. | | Not classified |
| UN Class | | Not classified |
| Packing group | | Not classified |
| Road | UK ADR | Not classified Not classified |
| Sea | INO | |
| Sea | ICAO | Not classified |

15. Regulatory Information

| | | | |
|--|---|--|--------------|
| EC Supply Labelling | Chemicals (Hazard Information and Packaging) regulations (CHIP) SI1993 No. 1746 Harmful Xn | | |
| R Phrases | R20 | Harmful by inhalation | |
| | R33 | Danger of cumulative effects | |
| | R48 | Danger of serious damage to health by prolonged exposure | |
| S Phrases | S22/23 | Do not breath dust or spray | |
| UK Occupational exposures limits (Refer to HSE Guidance note EH40) | Mg/m ³ | 8 hr TWA | % in product |
| MEL | 0.3 | | |

In accordance with HSE 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

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|-------------------|---|
| References | |
| COSHH ACOP | HSC 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 ACOPS | HSC 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. |



BS2092 specifications for industrial eye protectors

HSE/HMSO publications

Guidance note EH44

dust in the workplace – general principles of protection

Guidance booklet HS(G) 37

An introduction to Local exhaust Ventilation

Guidance booklet HS(G) 53

Respiratory protective equipment – a practical guide for user