

Clays, Glazes, Kilns, Materials and Equipment for Craft and Industrial Ceramics.

MATERIAL SAFETY DATA SHEET

Release Date: 06/07/2007

1 Identification of the preparation/Supplier reference 3450, 3451 Plaster

Synonyms: Magnesium Silicate  
Supplier: Potclays Limited, Brickkiln Lane, Stoke on Trent, ST4 7BP  
Emergency Numbers: +44 (0)1782 219816  
[sales@potclays.co.uk](mailto:sales@potclays.co.uk)

2 Composition

	CAS	EINECS	%
Magnesium Silicate			100%

3 Health Hazard Identification

Inhalation:	Low toxicity dust
Ingestion:	The product is of low solubility in body fluids and it is likely to be of low 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.

4 First Aid Measures

Inhalation:	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion:	Do not induce vomiting, seek medical advice.
Eyes:	Wash immediately with copious amounts of water.
Skin:	Wash affected areas with water.

5 Fire Fighting Measures

Extinguishing Media:	Suitable for surrounding fire conditions.
Special Exposure Hazard:	None.
Personal Protective Equip:	None other than required for surrounding fire conditions.

## 6 Accidental Release Measures

Leaks and Spills:	Use suitable vacuum equipment where reasonably practicable.
Personal Protective Equip:	Respiratory protective equipment.

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## 7 Handling and Storage

Handling:	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material.
Storage:	Store in dry area.

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## 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 Equip:	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.

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## 9 Physical and Chemical Properties

Appearance and Odour:	White powder. Odourless.
Flash Point (°C):	Not applicable.
Flammability:	Not applicable.
Explosive Properties:	Non-explosive.
Oxidising Properties:	None
Specific Gravity:	2.6
pH Value:	Not applicable.
Melting Point (°C):	>1000°C

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## 10 Stability and Reactivity

Chemical Stability:	The material is stable.
Conditions/materials to avoid:	None known.
Hazardous Decomposition Products:	None known.
Hazardous Polymerization Products:	None.

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## 11 Toxicology Information

Acute Toxicology:	LD50 Oral: Not known LD50 Dermal: Not known LD50 Inhalation: Not known
Health Effects:	Prolonged or repeated exposure above Occupational Exposure Standards may cause fibrosis of the lungs.

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