



Not classified as hazardous according to National Occupational Health and Safety Commission, *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(1999)]



# Material Safety Data Sheet: Terracotta Clay

Prepared according to NOHSC:2011(2003)

## 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	a) Potter's Terracotta Clay - Ordinary b) Potter's Terracotta Clay - Filtered
Other names	None
Recommended use	Used in the production of pottery and ceramics.
Supplier	Bennett's Magill Pottery P/L 28 Briant Road, Magill, South Australia, Australia. 5072
Phone	+61 8 8431 1340
Emergency telephone	+61 8 8364 6833
Website	www.bennettsmagillpottery.com.au

## 2 HAZARDS IDENTIFICATION

Hazard classification	Not classified as a hazardous or dangerous material according to the criteria of NOHSC:1008(1999). Major hazard is dry dust by inhalation and eye irritation.
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## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	Ball clay, dug from the ground. (Hydrous aluminosilicate earth).	
INGREDIENTS	CAS Number	Proportion %
Clay as ball clay	not listed	>60
Iron oxides	1309-39-1	<10

## 4 FIRST AID MEASURES

Ingestion	Rinse mouth with clean water and then drink plenty of water in small sips. Toxicity level to ingestion is low.
Eye	Wash affected eyes under clean running water for at least 15 minutes with eyelids held open. Seek medical attention if irritation persists.

Skin	Wash thoroughly with soap and water.
Inhalation	Keep patient calm. Remove to fresh air.
First Aid Measures	Ensure an eyebath is available and ready for use. No other specific first aid is necessary since adverse health effects associated with this product result from chronic exposure.
Advice to Physician	Treat symptomatically based on judgement of physician and individual reactions of patient.

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## 5 FIRE FIGHTING MEASURES

Not flammable. Fire-fighters should wear full protective clothing including self-contained breathing apparatus (due to potential for dust generation from drying of product). Use water, foam or dry extinguishing media. Use equipment/media appropriate to surrounding fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

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## 6 ACCIDENTAL RELEASE MEASURES

Spills	Follow normal clean-up procedure. Care should be taken to avoid causing dust to become air-borne. Vacuum or use wet clean-up techniques.
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## 7 HANDLING AND STORAGE

Store and transport in accordance with all regulations. Keep tightly closed in a cool and well-ventilated place. Not subject to hazardous substances labelling. Appropriate respiratory protection may be required to protect from air-borne dusts.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards	Iron oxide	TLV TWA 6.0 mg/m <sup>3</sup> as respirable dust
Engineering controls	Ensure workspace is well ventilated	
Personal protective equipment	Protective overalls. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities	

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Natural terracotta colour. Colour varies between moist and dry state.
Odour	No odour
pH	6.5 - 7.5
Vapour pressure	Not applicable
Vapour density	Not applicable
Boiling point/range	Not applicable
Freezing/melting point	Not applicable
Solubility	Insoluble in water
Specific gravity	1.7 - 3.7 (1700 - 3700 kg/m <sup>3</sup> )

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## 10 STABILITY AND REACTIVITY

Chemical stability	Product is stable
Conditions to avoid	Inhalation of dust
Incompatible materials	None
Hazardous decomposition products	None
Hazardous reactions	None

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## 11 TOXICOLOGICAL INFORMATION

Primary routes of entry: Inhalation (dry form), ingestion, dermal. Not considered hazardous.

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## 12 ECOLOGICAL INFORMATION

Ecotoxicity	No chemical toxicity.
Persistence and degradability	Non-degradable, stable and persistent.
Mobility	None

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## 13 DISPOSAL CONSIDERATIONS

Disposal	Dispose of in accordance with local regulations.
Special precautions for landfill or incineration	Suitable for landfill. Avoid incineration of packaging and containers (dust hazard).

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## 14 TRANSPORT INFORMATION

Not classified as a hazardous or dangerous substance. [NOHSC:1008(1999)]

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## 15 REGULATORY INFORMATION

Not classified as a hazardous or dangerous substance according to National Occupational Health and Safety Commission, *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(1999)]

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## 16 OTHER INFORMATION

Prepared	30 July, 2007; G. Wilkinson
Revisions	Nil.
Abbreviations	NOHSC - National Occupational Health & Safety Commission TLV - threshold limit value TWA - time weighted average

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To the best of our knowledge, the information in this MSDS is correct at date of preparation. Since we cannot anticipate nor control the conditions under which this product may be used, we cannot accept liability for any consequences arising from its use.

**End of MSDS**