

Material Safety Data Sheet

Material Name: WHITE POTTERY CLAY BODY-MOIST

Last modified: 06 July 2007

Section 1 - Identification of Material and Supplier

Product Name White Pottery Clay Body-Moist
Other Names Cool Ice
Earthenware Paper Clay
JB1
JB3
Les Blakeborough Southern Ice
Les Blakeborough Southern Ice Paper Clay
LGH
MFQ
RSF
School White
Sculptural Fine
Sculptural Coarse
Studio Porcelain
SWE
SWS
TMK
TWE
WHC
Clayworks Porcelain

Recommended uses Studio pottery and production of ceramic forms

Supplier's Name Clayworks Potters Supply PTY LTD

Supplier's Address 6 Johnston Court
Dandenong, Vic
Australia 3175

Phone Number (03) 9791 6749

Emergency Contact Number (03) 9791 6749 **Times available** 9am-5pm Mon-Fri

Contact Person Max Campbell

Section 2 - Hazards Identification

Hazard Classification

Not classified as hazardous according to the criteria of the NOHSC.

Not classified as dangerous goods according to the ADG Code.

Risk Phrases

R36 Irritating to eyes

R37 Irritant to respiratory system

R49 May cause cancer by inhalation

R66 Repeated exposure may cause skin dryness or cracking

Safety Phrases

S22 - Do not breathe dust

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Section 3 - Composition/Information on Ingredients

CAS number	Chemical Component	Percent
14808-60-7	Crystalline Silica	10-60%
	Materials determined not to be hazardous	Balance

Section 4 - First Aid Measures

Necessary First Aid Measures:

inhalation

This method of entering the body is unlikely. If it occurs, immediately move the victim to fresh air or remove the source of contamination. Ensure airways are clear and if breathing is restricted allow qualified person to administer oxygen through a face mask. If not breathing apply artificial respiration. Seek medical attention if irritation develops and persists.

Product contains crystalline silica, a known category 1 carcinogen. Prolonged inhalation can cause silicosis. However, the levels of airborne silica are not expected to reach national exposure standards by normal usage of the product.

skin exposure

Wash affected area gently and thoroughly with water and non-abrasive soap. Wash or discard contaminated clothing before re-using. If irritation occurs seek medical attention immediately.

eye exposure

Immediately flush eyes with a large amount of water for at least 15 minutes, ensure eyelids are held open. Rubbing may cause abrasion of cornea. If pain or redness occurs seek medical advice.

ingestion

Do not induce vomiting, wash the victim's mouth out thoroughly with water. Except by a deliberate act the ingestion of large amounts of this product is unlikely. Granuloma of the stomach may result from ingestion of large volumes of the product.

advice to doctor

Treat symptomatically

other information

For advice contact:

Poisons Information Centre

Australia.....131 126

New Zealand.....03 4747 000

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media

Use extinguishing media suitable for the surrounding environment.

Hazards from Combustion Products

While in semi-solid form non-flammable, non-combustible.

Precautions for Fire Fighters and Special Protective Equipment

Wear a NIOSH approved positive pressure, self contained breathing apparatus and fire fighter turnout gear

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Section 6 - Accidental Release Measures

Emergency Procedures

Remove all unnecessary personnel.

Methods & Materials for Containment & Clean Up Procedures:

Shovel up product and place in a well labelled container.

Large spills

The product may be disposed of at landfill.

Section 7 - Handling & Storage

Precautions for Safe Handling

Avoid contact with eyes. Strict maintenance of personal hygiene standards are necessary; hands should be washed prior to eating, drinking, smoking or going to the toilet.

Conditions for Safe Storage:

Store in a cool, dry place. Keep bag tightly closed when not in use. Store away from excessive heat, strong oxidising agents, strong acids, food and feedstuffs. Keep bag tightly closed to avoid contamination or leakage.

Section 8 - Exposure Controls/Personal Protection

National Exposure Standards

Crystalline silica-

Worksafe Australia Eight hour time weighted average (TWA) exposure limit: $0.1\text{mg}/\text{m}^3$. *Worksafe Australia* has determined that crystalline silica is a category 1 'known carcinogen'.

**All values used with reference to the Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment and the related documentation*

Biological Limit Values

No limit is allocated

Engineering controls

Ventilation should effectively remove and prevent build up of any dust generated from the handling of this product. Local exhaust ventilation is recommended when generating excessive levels of airborne dust from handling.

Personal Protective Equipment:

Eyes/Face

Eye protection should be worn appropriate to individual circumstance and engineering controls already in place.

Skin

Protective clothing and gloves may be worn if skin contact is likely while working with this material.

Respiratory

Avoid inhaling dust. If ventilation is inadequate wear a mask which complies with government standards.

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General

An eye wash fountain is recommended.

Section 9 - Physical & Chemical Properties

Appearance	Creamy-buff coloured semi-solid		
Odour	Odourless		
pH	Not Available		
Vapour Pressure	Not Applicable		
Vapour Density	Not Applicable		
Boiling Point	Not Applicable	Melting Point	Not Applicable
Solubility	Not soluble	Solvent	Not soluble
Specific Gravity	2.3		
Flammable limits			
LEL:	Not applicable		
UEL:	Not applicable		

Section 10 - Stability & Reactivity

Chemical Stability

Stable under normal ambient conditions of storage

Conditions to Avoid

Avoid contact with strong oxidisers, acids, excessive heat.

Incompatible Materials

Strong oxidising agents and acids.

Hazardous Polymerisation

Will not occur.

Section 11 - Toxicological Information

Acute & Chronic Health Effects

Possible Routes of Exposure:

Ingestion

May cause irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting and abdominal pains.

Skin

May cause redness and itching

Eye

May cause irritation resulting in redness and stinging.

Chronic effects

Air-borne crystalline silica is a known category 1 carcinogen. Prolonged exposure to silica can cause silicosis. Repeated or prolonged exposure may cause skin irritation and dermatitis.

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Section 12 - Ecological Information

Ecotoxicity

Not available for this material

Persistence/ Degradability

Not available for this material

Mobility

Not available for this material

Section 13 - Disposal Considerations

Disposal Methods

Product can be disposed of in landfill.

Section 14 - Transport Information

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number	None Allocated
UN Proper Shipping Name	None Allocated
Class & Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated

Section 15 - Regulatory Information

Not classified as hazardous according to the criteria of the NOHSC.
Not classified as dangerous goods according to the ADG Code.

Section 16 - Other Information

Date of Preparation

06 July 2007

Key/Legend

ACGIH - American Conference of Governmental Hygienists
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
TWA - Time Weighted Average (Concentration of a substance over an eight hour day, for five working days a week over an entire working lifetime)
TLV - Threshold Limit Value

References

www.ncbi.nlm.nih.gov	06/07/07
http://www.cdc.gov/niosh/pdfs/0553.pdf	06/07/07
http://hsis.ascc.gov.au/Default.aspx	06/07/07
http://www.epa.nsw.gov.au/prdg/moreinfo.htm#classes	06/07/07
'Approved Criteria for Classifying Hazardous Substances 3rd Edition NOHSC(1008:2004)', http://hsis.ascc.gov.au	06/07/07

END OF MSDS