

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MAGNESITE CUPELS

Ingredient	Conc.	CAS. No.
MAGNESITE, MAGNESIUM OXIDE	>95%	1309-48-4
SILICA, SILICON DIOXIDE	0-5%	14808-60-7

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO WORKSAFE AUSTRALIA CRITERIA

Synonyms: MAGNESITE CUPELS
Appearance: CERAM/WHITE COLOURED SHAPED ARTICLE
Odour: ODOURLESS
Use(s): FIRE ASSAY
Supplier: DFC Ceramics Australia

Poison Schedule	Hazchem	UN No.	D.G. Class	Pkg. Group	EPG	Sub/Tert Risk
None Allocated	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

HEALTH HAZARDS

Health Hazard: Low toxicity. Due to product form, adverse health effects are not anticipated under normal conditions of use

Summary: **CAUTION:** Avoid direct contact with any product when heated as severe burns may result.

Eye: Product may only present a hazard if dust is generated (e.g. when cut, crushed or sanded) May be an irritant in dust form.

Inhalation: Not applicable. Due to product form and nature of use, inhalation hazard is not anticipated.

Skin: Low irritant. This product is heated during use. **CAUTION:** - direct contact with hot material may result in severe burns with permanent tissue damage

Ingestion: May cause diarrhoea if swallowed too much. Due to product form, ingestion is highly unlikely

PRECAUTIONS

Flammability: Non flammable. No fire or explosion hazard exists.

Reactivity: Strong Acid

Ventilation: No special ventilation precautions are normally required when handling this product.

PERSONAL PROTECTIVE EQUIPMENT

P.P.E. No personal protective equipment is normally required. Where this product is heated appropriate heat resistant protective clothing is recommended, e.g. faceshield, gloves, apron, coveralls and boots.

FIRST AID

Eye: If contact with hot material occurs, flush gently with cold running water. Adhered material should only be removed under medical direction. Seek immediate advice.
Inhalation: If over exposure occurs, leave exposure area immediately. If other than minor symptoms are displayed, seek immediate medical attention
Skin: If contact with hot materials occurs, drench area immediately with cold water
Ingestion: Due to product form, ingestion is highly unlikely

SAFE HANDLING

Storage: Store in cool, dry area.
Waste Disposal: No special precautions are required for the disposal of this product.
Transport: Not required for transport purposes

EMERGENCY

Spillage: Collect and re-use where possible
Fire & Explosion: Not flammable, no fire or explosion hazard
Extinguishing: Not applicable.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: NON FLAMMABLE	Flash Point: NOT APPLICABLE
Boiling Point: 3600°C	Melting Point: 2850°C
Exposure Standard (TWA) 10 mg/m3 (Clay)	Evaporation Rate: NOT APPLICABLE
pH: NOT ESTABLISHED	% Volatiles: NOT APPLICABLE
Specific Gravity: 3.58	Solubility: 6.8ppm(at 18 °C)
Vapour Pressure NOT APPLICABLE	Upper Explosion Limit: NOT APPLICABLE
	Lower Explosion Limit NOT APPLICABLE

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