



Clays Glazes Colours

Material Safety Data Sheet

BA620

Manganese Dioxide

This substance is hazardous according to criteria of Worksafe Australia.

Company Details	Walker Ceramics 5 McLellan St, Bayswater, Victoria 3153, Australia Telephone (03) 8761 6322 Fax (03) 8761 6344 Email sales@walkerceramics.com.au Website www.walkerceramics.com.au Date Of Issue: March 2019
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IDENTIFICATION

Product Name	Manganese Dioxide
Other Names	None
Manufacturers Product Code	None
UN Number	None
Dangerous Goods Class & Subsidiary Code	None
Hazchem Code	None
Poisons Schedule Number	None
Use(s)	Used in ceramics and pottery.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance	Fine black-brown powder.
Boiling Point / Melting Point	Not available
Vapour Pressure	Not applicable
Specific Gravity	Approx 5.1
Flashpoint	Not applicable
Flammability Limits	Not applicable
Solubility in Water	Negligible
Other Properties	None

INGREDIENTS

Chemical Name	CAS Number	Proportion (%)
Manganese Dioxide	1313-13-9	100

HEALTH HAZARD INFORMATION

Acute	
Swallowed	Large doses may cause gastro-intestinal irritation, nausea and abdominal pain.
Eye	The dust may cause irritation of the eyes due to its abrasive nature.
Skin	The dust may cause irritation and dryness of the skin.
Inhaled	Breathing the dust may cause respiratory irritation and discomfort and may be harmful to the upper respiratory tract.
Chronic	Prolonged or repeated exposure to dust may cause neurological lesions producing absentmindedness, mental confusion, aggressiveness or hallucinations.

FIRST AID	
Swallowed	DO NOT INDUCE VOMITING. Give water or milk to rinse mouth. Seek medical advice.
Eye	Immediately hold eyes open and wash continuously with running water for at least 15 minutes. Ensure irrigation includes under eyelids. TRAINED STAFF ONLY ARE TO ATTEMPT THE REMOVAL OF CONTACT LENSES. Seek medical attention without delay.
Skin	Wash thoroughly with soap and water. Change into clean clothing and launder contaminated clothing.
Inhaled	Remove to fresh air. Encourage patient to blow nose to clear nasal passages. If breathing has stopped apply artificial respiration and seek immediate medical assistance. Encourage patient to drink to remove dust from throat.
First Aid Facilities	Washing area, eye wash.
Advice To Doctor	Treat symptomatically.

PRECAUTIONS FOR USE	
Exposure Standards	Manganese Dioxide TLV TWA 10 mg/m3 ACGIH = American Conference of Governmental Industrial Hygienists. TWA = Time Weighted Average NOHSC =National Health & Safety Commission
Engineering Controls	Ensure workplace is well ventilated.
Personal Protection	Approved respirator to AS1715 to be worn, gloves, safety glasses and protective overalls. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Flammability	Not flammable under the conditions of use but the containers may burn.

SAFE HANDLING INFORMATION	
Storage & Transport	Store and transport in accordance with all regulations. Keep tightly closed in a dry, cool and well-ventilated place. Not subject to hazardous substances labelling.
Spills & Disposal	Dispose of in accordance with all Local, State and Federal regulations by incineration or disposal to landfill.
Fire / Explosion Hazard	Fire-fighters should wear full protective clothing including self-contained breathing apparatus. 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.

OTHER INFORMATION	
<u>AUSTRALIAN POISONS INFORMATION CENTRE</u> 24 HOUR SERVICE 13 11 26 POLICE / FIRE / AMBULANCE 000	

CONTACT POINT	
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This MSDS summarises, at the date of issue, our best knowledge of the health & safety hazard information for this product, and in particular how to safely handle and use this product in the workplace. Since Ozclay Pty.Ltd and its agents cannot anticipate or control the conditions under which this product may be used, each user must prior to usage, review this MSDS in the context of how the user intends to handle and use this product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact us.

Our responsibility for products sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.