



# Material Safety Data Sheet

## ERR5040

### Walnut Brown Rutile Glaze

This substance is hazardous according to criteria of Worksafe Australia.

<b>Company Details</b>	Walker Ceramics 2/21 Research Drive, Croydon South, Victoria 3136, Australia Telephone (03) 8761 6322 Fax (03) 8761 6344 Email <a href="mailto:sales@walkerceramics.com.au">sales@walkerceramics.com.au</a> Website <a href="http://www.walkerceramics.com.au">www.walkerceramics.com.au</a> Date Of Issue: April 2014
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IDENTIFICATION	
Product Name	Walnut Brown Rutile Matt Glaze
Other Names	None
Manufacturers Product Code	ERR5040
UN Number	None
Dangerous Goods Class & Subsidiary Code	None
Hazchem Code	None
Poisons Schedule Number	None
Use(s)	Used in the decoration of pottery & ceramics.

PHYSICAL DESCRIPTION / PROPERTIES	
Appearance	Fine pale brown Liquid
Boiling Point / Melting Point	>300°C
Vapour Pressure	Not applicable
Specific Gravity	Approx 2.7
Flashpoint	Not applicable
Flammability Limits	Not applicable
Solubility in Water	Negligible
Other Properties	Glazes are essentially mixtures formed by blending frit powders, clays and other raw materials.

INGREDIENTS			
Chemical Name	CAS Number	Proportion (%)	
Silica (Quartz)	14808-60-7	10-30	
Lead, inorganic as Pb	7439-92-1	10-30	
Rutile	None	10-30	
Manganese Dioxide	1313-13-9	<5	
Iron Oxide	1317-61-9	<5	
Hydrated Alumina	21645-51-2	<5	
Nepheline Syenite	37244-96-4	<5	
Kaolin as clay	1332-58-7	<5	

HEALTH HAZARD INFORMATION	
<b>Acute</b>	The silica for this product is incorporated into the glass like structure of the frit, chemically reacted in the form of silicates or other essentially insoluble complexes. Exposure to the hazardous ingredients can occur if the dust is inhaled or ingested and the ingredients dissolve out. This process is anticipated to occur very slowly. Dust may cause irritation of the eyes, skin and respiratory tract. Prolonged and/or repeated exposure to the dust may result in fibrotic lung damage (silicosis) in some people.
Swallowed	Large doses may cause gastro-intestinal irritation.
Eye	The dust may cause irritation of the eyes.
Skin	The dust may cause irritation and dryness of the skin.
Inhaled	Breathing the dust may cause respiratory irritation and discomfort
<b>Chronic</b>	No specific information is available.

FIRST AID	
Swallowed	Give water or milk. Seek medical advice.
Eye	Irrigate with water for at least 15 minutes and seek medical advice if symptoms persist.
Skin	Wash thoroughly with soap and water. Change into clean clothing and launder contaminated clothing.
Inhaled	Remove to fresh air. Encourage patient to clear nasal passages. If breathing has stopped apply artificial respiration and seek immediate medical assistance.
First Aid Facilities	Washing area, eye wash.
<b>Advice To Doctor</b>	Treat symptomatically.

PRECAUTIONS FOR USE	
Exposure Standards	<p>Silica (as respirable dust) ACGIH 0.01 mg/m<sup>3</sup></p> <p>Lead ACGIH 0.15 mg/m<sup>3</sup></p> <p>Hydrated Alumina TLV TWA 10.0 mg/m<sup>3</sup></p> <p>Iron Oxide TLV TWA 6.0 mg/m<sup>3</sup></p> <p>Manganese Dioxide as dust TLV TWA 10.0 mg/m<sup>3</sup></p> <p>Rutile as dust TLV TWA 0.02 mg/m<sup>3</sup></p> <p>Nepheline Syenite TLV TWA 10.0 mg/m<sup>3</sup></p> <p>Kaolin as clay TLV TWA 2.0 mg/m<sup>3</sup></p> <p>ACGIH = American Conference of Governmental Industrial Hygienists. TWA = Time Weighted Average NOHSC = National Health &amp; Safety Commission</p>
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	
	<p>Unless adequately fired, utensils glazed with this preparation must not be used as containers for food or beverages. To do so may lead to lead poisoning.</p> <p style="text-align: center;"><u>AUSTRALIAN POISONS INFORMATION CENTRE</u> 24 HOUR SERVICE 13 11 26 POLICE / FIRE / AMBULANCE 000</p>

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 Walker Ceramics 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.