

## Material Safety Data Sheet



# ESB4195

## White Opaque Stoneware Glaze

Not classified as Hazardous According To Criteria Of Safe Work Australia.

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IDENTIFICATION	
Product Name	White Opaque Stoneware Glaze
Other Names	None
Manufacturers Product Code	ESB4195
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	White viscous liquid
Boiling Point / Melting Point	>300°C
Vapour Pressure	Not applicable
Specific Gravity	Approx 2.5
Flashpoint	Not applicable
Flammability Limits	Not applicable
Solubility in Water	Negligible
Other Properties	Glazes are milled mixtures of frit, inorganic materials, colouring oxides and small amounts of milling additives. Frit is a chemically reacted mixture of inorganic substances in the form of essentially insoluble glassy silicates.

INGREDIENTS		
Chemical Name	CAS Number	Proportion (%)
Frits, chemical	65997-18-4	<60
Feldspar Potash	68476-25-5	30-60
Silica (Quartz)	14808-60-7	20-30
Zinc Oxide	1314-13-2	<5
Talc	14807-96-8	<5
Kaolin as clay	1332-58-7	<20
Zirconium compounds, (as Zr)	7440-67-2	<10
Borax	1303-96-4	<20
Nuisance particulates	various	up to 100

HEALTH HAZARD INFORMATION	
<b>Acute</b>	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. Nuisance particulates can cause unpleasant or uncomfortable deposits in the eyes, ears & nose but do not cause any toxic effect when exposures are kept in reasonable control.
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. 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>Feldspars as dust (unless otherwise classified) TLV TWA 10.0 mg/m<sup>3</sup></p> <p>Silica as dust TWA TWA TLV 0.01 mg/m<sup>3</sup></p> <p>Borax, anhydrous and pentahydrate NOHSC TWA: 1.0 mg/m<sup>3</sup></p> <p>Talc as dust TLV TWA 2.0 mg/m<sup>3</sup></p> <p>Kaolin as clay TLV TWA 2.0 mg/m<sup>3</sup></p> <p>Zirconium compounds, (as Zr) NOHSC TWA: 5.0 mg/m<sup>3</sup> NOHSC STEL: 10.0 mg/m<sup>3</sup></p> <p>Nuisance particulates TLV TWA 10 mg/m<sup>3</sup> as dust</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	AUSTRALIAN POISONS INFORMATION CENTRE
	24 HOUR SERVICE 13 11 26 POLICE / FIRE / AMBULANCE 000

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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.