Safety Data Sheet: Pottery Glazes

Section 1: Identification:

Company Details:

Address:	Emergency Telephone Number:
20 Helen Street, Heidelberg West, 3081, Victoria, Australia www.firedupkilns.com.au	0473 748 870

Product Details:

Product Name:	Product Use:	Product Code:
Wisteria Mid-Fire Glaze	Pottery Ceramic Glaze	

Section 2: Hazards Identification Summary:

Health Hazards	CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA. May cause cancer
Physical Hazards	None
Environmental Hazards	Very toxic to aquatic life with long lasting effects.

Section 3: Composition and Information on ingredients:

Component:	Percentage (%):	CAS Number:
Feldspar, Soda	<50	68476-25-5
Silica (Quartz)	<40	14808-60-7
Dolomite	<30	546-93-0
Calcium carbonate (Calcite)	<20	1317-65-3
Bentonite	<5	N/A
Cobalt oxide	<5	1307-96-6

Section 4: First Aid Measures:

If swallowed:	Seek medical advice. Contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
If on skin or clothing:	Flush skin and hair with running water. Remove contaminated clothing immediately and launder.
If in eyes:	Flush eyes continuously with water for at least 15 minutes. Seek medical advice if symptoms persist.
If inhaled:	Remove from contaminated area to fresh air. Apply artificial respiration if not breathing.
Notes to doctor/physician:	Treat symptomatically.

Section 5: Fire Fighting Measures:

Extinguishing Media:	• Use an extinguishing agent suitable for the surrounding fire.
Fire & Explosion Hazard:	• Not flammable under the conditions of use. • May evolve toxic gases if strongly heated. • The containers may burn
Fire Fighting Instructions & Equipment:	• Fire-fighters should wear full protective clothing including self-contained breathing apparatus. • Use equipment/media appropriate to surrounding fire conditions. • Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

Section 6: Accidental Release Measures:

In case of spills or leaks:

Small Spill:	Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.
Large Spill:	Dispose of in accordance with all Local, State and Federal regulations by incineration or disposal to landfill.

Section 7: Handling & Storage:

Handling:	• Before use carefully read the SDS. • Observe good personal hygiene, including washing hands before eating. • Prohibit eating, drinking, and smoking whilst using the product.
Storage:	• Store tightly sealed in a cool, dry, well-ventilated area, removed from incompatible substances and foodstuffs. • Ensure containers are adequately labelled, protected from physical damage, and sealed when not in use. • Check regularly for leaks or spills. • Not subject to hazardous substances labelling.

Section 8: Exposure Controls. Personal Protection:

Exposure Standards:

Ingredient	Reference	TWA (mg/m^3)	STEL (mg/m^3)
Feldspars (dust)	ACGIH (TLV)	10.0	-
Silica (dust)	ACGIH (TLV)	0.1	-
Kaolin (clay)	ACGIH (TLV)	2.0	-
Calcium carbonate (Calcite)	ACGIH (TLV)	10.0	-
Bentonite	ACGIH (TLV)	10.0	-
Magnesite	ACGIH (TLV)	10.0	-
Cobalt (metal, dust & fume)	SWA (AUS)	0.05	-

Engineering Limits:	Ensure workplace is well ventilated. Maintain vapour levels below the recommended exposure standard.
Personal Protective Equipment:	Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking, and using toilet facilities.

Section 9: Physical & Chemical Properties:

Property:	Details:
Appearance:	Liquid
Odour:	Odourless
pH:	Not available
Melting/Boiling point	Not available
Flashpoint:	Not relevant
Evaporation rate:	Not available
Flammability:	Not flammable
Vapour pressure & density	Not available
Density:	Not available
Solubility:	Not available
Partition coefficient:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available

Section 10: Stability & Reactivity:

Product Reactivity:	See below.
Chemical Stability:	Stable under recommended conditions of storage.
Hazardous Polymerisation:	Not expected to occur.
Conditions to Avoid:	Avoid heat, sparks, open flames, and other ignition sources.
Incompatible Materials:	Oxidising agents.
Hazardous Decomposition Products:	May evolve toxic gases if heated to decomposition.

Section 11: Toxicology Information:

Acute Toxicity:

Ingredient	Oral LD_{50}	Dermal LD_{50}	Inhalation LD_{50}
LIMESTONE (CALCIUM CARBONATE)	> 5000 mg/kg (rat)		
COBALT OXIDE	> 5 g/kg (rat)		

Eye Irritation:	Contact may result in irritation, lacrimation, pain, and redness.
Skin Irritation:	Contact may result in irritation, redness, pain, and rash.
Sensitisation:	Not classified as causing skin or respiratory sensitisation.
Carcinogen Status:	Cobalt and cobalt compounds are classified as possibly carcinogenic to humans (IARC Group 2B).

Section 12: Ecological Information:

Environmental Summary:	Very toxic to aquatic life with long lasting effects.

Section 13: Disposal Considerations:

Waste:	Dispose of in accordance with relevant local legislation. Contact the manufacturer/supplier for additional information (if required).
Container:	Re-use where possible.

Section 14: Transport Information:

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA.

Section 15: Regulatory Information:

Hazards Code:

Carc. Carcinogen

Risk Phases:

R49: May cause cancer by inhalation

Safety Phases:

R49: May cause cancer by inhalation

S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

S53: Avoid exposure - obtain special instructions before use.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

AUSTRALIA: AICS (Australian Inventory of Chemical Substances)

All components are listed on AICS or are exempt.

Section 16: Any Other Relevant Information:

It should be noted that the effects from exposure to this product will depend on several factors including:

- frequency and duration of use;
- quantity used; effectiveness of control measures;
- protective equipment used and method of application.

Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Revision date 7-Nov-2023

AUSTRALIAN POISONS INFORMATION CENTRE

24 HOUR SERVICE 13 11 26

POLICE / FIRE / AMBULANCE 000