



# **FIRED UP KILNS**

## *and pottery supplies*

## Safety Data Sheet: Pottery Glazes

### **Section 1: Identification:**

#### **Company Details:**

<b>Address:</b>	<b>Emergency Telephone Numbers:</b>
20 Helen Street, Heidelberg West, 3081, Victoria, Australia <a href="http://www.firedupkilns.com.au">www.firedupkilns.com.au</a>	0473 748 870

#### **Product Details:**

<b>Product Name:</b>	<b>Product Use:</b>	<b>Product Code:</b>
Metallic Black Decorative Mid-Fire Glaze	Pottery Ceramic Glaze	

### **Section 2: Hazards Identification Summary:**

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

### **Section 3: Composition and Information on ingredients:**

<b>Component:</b>	<b>Percentage (%):</b>	<b>CAS Number:</b>
Feldspar	<80	68476-25-5
Gerstley Borate	<20	1319-33-1
Calcium carbonate (Calcite)	<10	1317-65-3
Kaolin (clay)	<20	1332-58-7
Bentonite	Trace Amounts	N/A
Manganese dioxide	<10	1313-13-9
Copper oxide	<10	1317-38-0
Cobalt oxide	Trace Amounts	1307-96-6

## **Section 4: First Aid Measures:**

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

## **Section 5: Fire Fighting Measures:**

<b>Extinguishing Media:</b>	<ul style="list-style-type: none"><li>Use an extinguishing agent suitable for the surrounding fire.</li></ul>
<b>Fire &amp; Explosion Hazard:</b>	<ul style="list-style-type: none"><li>Not flammable under the conditions of use.</li><li>May evolve toxic gases if strongly heated.</li><li>The containers may burn</li></ul>
<b>Fire Fighting Instructions &amp; Equipment:</b>	<ul style="list-style-type: none"><li>Fire-fighters should wear full protective clothing including self-contained breathing apparatus.</li><li>Use equipment/media appropriate to surrounding fire conditions.</li><li>Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.</li></ul>

## **Section 6: Accidental Release Measures:**

### **In case of spills or leaks:**

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

## Section 7: Handling & Storage:

<b>Handling:</b>	<ul style="list-style-type: none"><li>• Before use carefully read the SDS.</li><li>• Observe good personal hygiene, including washing hands before eating.</li><li>• Prohibit eating, drinking, and smoking whilst using the product.</li></ul>
<b>Storage:</b>	<ul style="list-style-type: none"><li>• Store tightly sealed in a cool, dry, well-ventilated area, removed from incompatible substances and foodstuffs.</li><li>• Ensure containers are adequately labelled, protected from physical damage, and sealed when not in use.</li><li>• Check regularly for leaks or spills.</li><li>• Not subject to hazardous substances labelling.</li></ul>

## Section 8: Exposure Controls. Personal Protection:

### Exposure Standards:

Ingredient	Reference	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Feldspars (dust)	ACGIH (TLV)	10.0	-
Gerstley Borate (dust)	ACGIH (TLV)	5.0	-
Kaolin (clay)	ACGIH (TLV)	2.0	-
Calcium carbonate (Calcite)	ACGIH (TLV)	10.0	
Manganese dioxide	ACGIH (TLV)	10.0	-
Bentonite	ACGIH (TLV)	10.0	-
Cobalt, elemental, and inorganic compounds as Co	TVL	0.02	-
Copper oxide	ACGIH (TLV)	0.02	-

<b>Engineering Limits:</b>	Ensure workplace is well ventilated. Maintain vapour levels below the recommended exposure standard.
<b>Personal Protective Equipment:</b>	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:

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

## **Section 11: Toxicology Information:**

### **Acute Toxicity:**

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

## **Section 12: Ecological Information:**

<b>Environmental Summary:</b>	No information provided.
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## **Section 13: Disposal Considerations:**

<b>Waste:</b>	Dispose of in accordance with relevant local legislation. Contact the manufacturer/supplier for additional information (if required).
<b>Container:</b>	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.           Carcinogenic

### **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** 29-Apr-2024

**AUSTRALIAN POISONS INFORMATION CENTRE**

**24 HOUR SERVICE 13 11 26**

**POLICE / FIRE / AMBULANCE 000**

### **Disclaimer.**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.