Section 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Identifier
Product Name: **BLACKWATTLE POTTERY UNDERGLAZE COLOURS**

Product Code: **BUG** 01 Witchetty White, 02 Dragonfly Yellow, 04 Grasshopper Green , 05 Thrip Green, 06 Cricket Green, 09 Cuttle Bug Purple, 10 Stinkbug Pink, 11 Butterfly Blue, 12 Beetle Blue, 13 Scarab Blue, 14 Nymph Flesh, 15 Moth Brown, 17 Slater Grey, 18 Earwig Black

Other means of identification: Not Available

Relevant uses of the material:
Relevant identified uses: Ceramic, Glass and Pottery
*Based on available information, (*provided the product is handled in accordance with this Safety Data Sheet, and used as supplied i.e. moist) *is not classified as hazardous according to criteria of NOHSC.*

Details of the Supplier of the SDS:
Registered Company Name: Blackwattle Pottery Pty. Ltd.

Address: 8 Aero Rd. INGLEBURN NSW 2565 Australia
Telephone: 02 9829 5555

Email: blackwattlepottery@bigpond.com Website: www.store.blackwattle.net.au

Emergency telephone number
Emergency telephone number: 02 9829 5555 Business Hours
Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

Section 2 - HAZARDS IDENTIFICATION

Hazard Classification	Classified as non-hazardous according to the criteria of NOHSC
Poisons Schedule:	Not Applicable
Risk Phrases	Not hazardous, no criteria found
Safety Phrases S22	Do not breath dust

Precautionary Statement(s) Prevention: Not Applicable

Precautionary Statement(s) Response: Not Applicable

Precautionary Statement(s) Storage: Not Applicable

Precautionary Statement(s) Disposal: Not Applicable

MATERIAL	PERCENTAGE	ACGIH TLV
Zirconium Silicate	0 - 9%	5mg / m^3 (as Zr)
Clay/ Potash	< 15%	Not Applicable
Calcined Alumina	0 - 2%	10mg / m^3
Silica	0 - 6%	0.1mg / m^3
Zinc Oxide	0 - 10%	2mg / m^3
Lithium Carbonate	0 - 10%	Not Applicable
Magnesium Carbonate	0 - 6%	Not Applicable

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	**CAS number**	**Proportion**
Clay	1332-58-7	< 15%
Silica	14808-60-7	0-6%
Zirconium Silicate	10101-52-7	0 - 9%
Potash	1302-78-9	< 15%
Calcined Alumina	1344-28-1	0 - 2%
Zinc Oxide	1314-13-2	0 - 10%
Lithium Carbonate	554-13-2	0 - 10%
Magnesium Carbonate	7760-50-1	0 - 6%

Section 4 - FIRST AID MEASURES:

Eye Contact — If this product comes in contact with the eyes: rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if irritation persists.

Ingestion — Rinse mouth. Do not induce vomiting. Seek medical advice.

There is a danger of cumulative effects through ingestion and/or inhalation of silica dusts with prolonged or repeated exposures that may lead to delayed lung injury.

Inhalation — Move to fresh air. If breathing has stopped, apply artificial respiration and seek medical attention.

Skin contact — Wash off with soap and water.

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126. Have this SDS with you when you call.

Advice to any immediate medical attention and special treatment needed: Treat symptomatically

Section 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing	Use appropriate fire extinguishing media for surrounding combustion materials involved in the fire
Media Specific Methods	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapors, fumes, dust or products of combustion
Specific Hazards	The product is noncombustible
HAZCHEM	Not Applicable

Section 6 - ACCIDENTAL RELEASE MEASURES:

Clean up/Disposal For small spills, pick up as much as possible, wipe area clean with damp sponge. For large spills, pick up as much as possible, dispose of in closed containers, wash area with plenty of water. Floors and work areas should be mopped with water.

Do not sweep work areas with a broom. Avoid the creation of airborne dust.

Environment No special environmental precautions required.

Personal Protection Wear apron or overalls, rubber gloves, chemical gloves or safety glasses.

Section 7 - HANDLING AND STORAGE:

Precaution for Safe Handling

Wear personal protective equipment.

Do not allow clothing wet with material to stay in contact with skin as this is likely to irritate skin.

Wash thoroughly after handling.

Keep containers sealed when not in use.

Condition for Safe Storage:

Store away from consumables.

Store in a cool place, away from heat and sunlight.

Storage incompatibility: None Known

Section 8 - EXPOSURE STANDARDS/ PERSONAL PROTECTION

National Exposure Standards Name

	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)
Silica	0.1			

Biological Limit Values No limit is allocated

Other Exposure Information: No exposure standard is established for this material by the National Occupational Health & Safety Commission (NOHSC), Australia, however the exposure standard for respirable crystalline silica, in the form of quartz, as set by NOHSC is given above. The exposure limit for dust otherwise not specified is TWA 0.1 mg/m3 (inspirable fraction)

Engineering Controls: Good ventilation adequate to maintain the concentration below exposure standards is required. The use of a local exhaust ventilation system (drawing dust away from workers breathing zone) is recommended. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

Exposure Controls/ Personal Protective Equipment

Eye/Face Protection: Appropriate eye/face protection should be worn if generating dust. Final choice of appropriate eye/face protection will vary according to individual circumstances.

Skin Protection: Wear impervious protective gloves and protective clothing if skin contact is likely whilst working with this material.

Respiratory Protection: If engineering controls are not effective in controlling airborne exposure then an approved respirator with replaceable particulate filters should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

WARNING If clay dries to powder use PPE and avoid breathing dust.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid	Not Soluble	
Odour	Negligible	Melting Point	>1300°C
Specific Gravity	1.2- 1.45 at 25°C	Boiling Point/Range	Not Applicable
pH	Not Applicable	Flash Point	Non-combustible

Vapour Pressure	Not Applicable	Flammable Limits	Not Applicable
Ignition Temperature	Not Applicable	Vapour Density	Not Applicable
Freezing Point	Not Applicable		

Section 10 - STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to avoid	Avoid creating dust
Incompatible Materials	None known
Hazardous Reactions	Not Applicable
Polymerisation	Not Applicable

Section 11 - TOXICOLOGICAL INFORMATION

Acute and Chronic Health Effects - Possible Routes of Exposure

Ingestion	Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting
Inhalation	Inhalation of airborne dust may cause the drying and irritation of the respiratory tract. Acute aspiration may cause coughing, sneezing and pulmonary edema
Skin	Skin contact may cause dryness. May cause mild irritation in the case of some individuals with sensitive skin
Chronic Effects	The product contains respirable free crystalline silica in the form of dust. Repeated exposure to respirable crystalline silica dust may lead to silicosis, a serious lung disease. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred
Eye	Eye contact may cause mechanical irritation
Carcinogenicity	The product contains >20% respirable crystalline. Crystalline silica has been classified by International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1). Furthermore, crystalline silica can cause silicosis or other lung diseases on prolonged exposure

Classification of Hazardous Ingredients

Ingredient Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

12 - ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Persistence/ Degradability	No data available
Mobility	No data available
Bio accumulative Potential	No data available

Do not discharge into waterways or sewer.

13 - DISPOSAL CONSIDERATIONS

Disposal Methods The disposal of the waste or spilled material must be done in accordance with the applicable local, state and federal government regulation

Biological Limit Values No limit is allocated

Do not discharge into drains, waterways or sewer.

Recycle where possible

14 - TRANSPORT INFORMATION

Transport Information Not classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

UN Number	None allocated
UN Proper Shipping Name	None allocated
Class and Subsidiary Risk(s)	None allocated
Packing Group	None allocated

15 - REGULATORY INFORMATION

Poisons Schedule Not scheduled

Not classified as hazardous according to the criteria of the NOHSC

Not classified as dangerous goods according to the ADG (Australian Dangerous Goods) Code

16 - OTHER INFORMATION

The SDS is a Hazard Communication Tool and should be used to assist in a Risk Assessment Program applied to the use of this material. Scale and frequency of use and controls must be considered.

Legend/Keywords

STEL Short Term Exposure Limit TWA Time Weighted Average. The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Contact phone number (02) 98295555 (bus. hours)

The information contained in this Safety Data Sheet is correct to the best of our knowledge at the date of publication and whilst every care has been exercised in the preparation, Blackwattle Pottery accepts no responsibility for any use which may be made of the contents