



## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2022.

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### **1.1. Product identifier**

**Product name** Spectrum Low Stone Glazes Cone 06/04 (900 series)

**Product number** 806-218 to 806-226

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Ceramic Glaze

#### **1.3. Details of the supplier of the safety data sheet**

**Manufacturer / Supplier** PotteryCrafts Ltd / Tiranti  
Campbell Road  
Stoke  
Stoke-on-Trent.  
ST4 4ET  
Tel 44 (0)1782 745000  
[sales@potteryCrafts.co.uk](mailto:sales@potteryCrafts.co.uk) / [Enquiries@tiranti.co.uk](mailto:Enquiries@tiranti.co.uk)

**1.4. Emergency telephone number** +44(0) 1782 745000 Office Hours 08:30 – 16:30 hrs Mon-Friday.

### **SECTION 2: Hazards identification**

#### **Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Hazardous to the Aquatic Environment - Chronic - Category 1

Hazardous to the Aquatic Environment - Chronic - Category 2

Hazardous to the Aquatic Environment - Chronic - Category 4

Hazardous to the Aquatic Environment - Acute - Category 1

#### **GHS Label Elements**

Symbol(s)



Signal word(s)  
Danger.

#### **Hazard statement(s):**

Harmful if swallowed. May cause an allergic skin reaction. May cause long lasting harmful effects to aquatic life.. May damage fertility. Toxic to aquatic life with long lasting effects. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

#### **Precautionary Statement(s)**

##### **Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breath dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

##### **Response**

Call a POISON CENTER/doctor if you feel unwell. Get medical advice/attention. Get medical advice/attention if you feel unwell. Rinse mouth. Wash contaminated clothing before reuse. Collect spillage. IF SWALLOWED: Immediately call a POISON CENTER/doctor. IF ON SKIN: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

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[sales@potteryCrafts.co.uk](mailto:sales@potteryCrafts.co.uk) / [Enquiries@tiranti.co.uk](mailto:Enquiries@tiranti.co.uk)



### 2.3. Other hazards

Not an acute hazard. May cause mechanical eye or skin irritation. Prolonged inhalation may cause lung injury. Liquid form is unlikely to generate dust under normal conditions of use

## **SECTION 3: Composition/information on ingredients**

### 3.1. Mixture

<b><u>Hazardous Ingredients</u></b>	<b><u>CAS/EC #</u></b>	<b><u>PEL/TLV (MG/M#)</u></b>	<b><u>Max</u></b>	<b><u>% Weight</u></b>	<b><u>NTP</u></b>	<b><u>IARC</u></b>
NICKEL OXIDE	1313-99-1	N/A		2.5000 0	N	N
ZINC	1314-13-2	N/A		4.11040	N	N
MANGANESE	7439-96-5	5.00		17.60000	N	N
BARIUM	7440-39-3	0.50		1.39276	N	N
COPPER	7440-50-8	1.00		3.54600	N	N

## **SECTION 4: First aid measures**

As a general rule, in case of doubt or if symptoms persist, always call a Doctor. NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if symptoms persist.
Skin contact:	Wash with soap and water. In case of skin irritation, consult a physician.
Eye contact:	Flush with water for at least 15 minutes, keeping eyelids open. If irritation continues, seek medical attention.
Ingestion:	Seek immediate medical attention.

## **SECTION 5: Firefighting measures**

FLASH POINT (METHOD): N/A

EXPOSITION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE

EXTINGUISHING MEDIA: NO SPECIAL METHOD REQUIRED

FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED

UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

## **SECTION 6: Accidental release measures**

Absorb spillage with non-combustible, absorbent material.

Refer to section 8 for further details on personal precautions, protective equipment and emergency procedures.

Refer to section 13 for further disposal details.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Protective measures:	Handle in accordance with good industrial hygiene and safety. Avoid inhalation, use in well-ventilated areas and wear personal protective clothing.
Measures to prevent fires:	Keep away from sources of ignition.
Measures to prevent the environment:	Protect shafts and sewers from entry of the product.
Advice on general occupational hygiene:	Work in well-ventilated zones or use proper respiratory protection. Avoid contact with skin, eyes and clothes.

### 7.2. Conditions for safety storage, including any incompatibilities

Keep in original containers, tightly sealed and in a well-ventilated area. Store away from heat and direct sunlight.

### 7.3. Specific end use(s)

Recommendations: Observe instructions of use.



## **SECTION 8: Exposure Controls/personal protection**

### **8.2. Exposure controls**

Personal protection:	Use a locally exhausting hood appropriate for the operation. Use with ventilation adequate to keep exposure within published exposure limits (SEE SECTION III). Use NIOSH certified mask for dusts or mists if exposure levels exceed published exposure limits (SEE SECTION III).
Other Protective Equipment:	None required.
Work/Hygiene Practices:	Avoid prolonged contact with skin. Wash hands immediately after use. When using do not eat, drink, or smoke.
Engineering Controls:	Keep in original container.

## **SECTION 9: Physical and Chemical Properties**

### **9.1. Information on basic physical and chemical properties**

BOILING POINT: N/A	MELTING POINT: N/A
VAPOUR PRESSURE: N/A	
SPECIFIC VAPOUR DENSITY	SPECIFIC GRAVITY: N/A
SOLUBILITY IN WATER: N/A	REACTIVITY IN WATER: NON-REACTIVE

Note: These are typical values and are not intended as a specification.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No specific test data related to reactivity available for this product.

### **10.2. Chemical stability**

Chemically stable under normal temperatures, recommended conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

### **10.4. Conditions to avoid**

Not applicable.

## **SECTION 11: Toxicological information**

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: EXPOSURE MAY CAUSE ACUTE OR DELAYED DAMAGE TO THE LUNGS. MAY BE HARMFUL BY BREATHING DUSTS OR MISTS. MAY BE HARMFUL IF SWALLOWED. CONTACT MAY RESULT IN REDNESS OR PAIN IN THE EYES. EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, CHEST PAIN, CHEST TIGHTNESS, WHEEZING AND A COUGH.

The summated LD50 is 566.6 mg/kg.

The summated LC50 is 32924 mg/cubic meter.

This product is considered to be a known or suspected human carcinogen by NTP, IARC, or OSHA (see SECTION III).

## **SECTION 12: Ecological Information**

ECOTOXICITY	No Data
DEGRADABILITY	No Data
MOBILITY	No Data
BIOACCUMULATIVE	No Data

## **SECTION 13: Disposal considerations**

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### **13.1. Waste treatment methods**

**General information****Disposal methods**

Do not pour into drains or waterways

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information****14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

IMDG: Not classified as hazardous.

ADR/RID: Not classified as hazardous.

IATA: Not classified as hazardous.

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: Regulatory information**

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

EPA SARA TITLE III CHEMICAL LISTINGS:

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):

MANGANESE

Under CPSC's consumer products regulations (16 CFR 1500.3 and 1500.14), this product has the following required acute and chronic hazard labelling:

**WARNING: MAY BE HARMFUL IF SWALLOWED. EXPOSURE MAY CAUSE ALLERGIC REACTIONS.**

**Contains: BARIUM, COPPER, MANGANESE, NICKEL OXIDE, ZINC**

PRECAUTIONS: Avoid prolonged contact with skin. Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. **AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN.**

FIRST AID TREATMENT: If swallowed, get prompt medical attention.

**SECTION 16: Other information****Hazard statements in full**

*This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material.*

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## Colour Information

THIS SDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS.

<u>Product Number &amp; Color</u>	<u>Hazardous Ingredient</u>
902 ICEBERG	COPPER MANGANESE
905 WHEATFIELD	ZINC
907 AUTUMN LEAVES	ZINC
913 OLD COPPER	ZINC COPPER MANGANESE
921 IRON EARTH	ZINC