

# Material Safety Data Sheet

Material Name: LPC 030 TURQUOISE

Last modified: 1 July 2009

## Section 1 - Identification of Material and Supplier

**Product Name** LPC 030 Turquoise  
**Other Names** LPC 030  
LPC Turquoise  
Liquid Painting Colour Turquoise  
**Recommended uses** Ceramic underglaze, for the decoration of ceramic ware

**Supplier's Name** Clayworks Potters Supply Pty Ltd  
**Supplier's Address** 6 Johnston Court  
Dandenong, Vic  
Australia 3175  
**Phone Number** (03) 9791 6749  
**Emergency Contact Number** (03) 9791 6749 **Times available** 9am-5pm Mon-Fri  
**Contact Person** Max Campbell

## Section 2 - Hazards Identification

### Hazard Classification

Not classified as hazardous according to the criteria of the NOHSC.

Not classified as dangerous goods according to the ADG Code.

## Section 3 - Composition/Information on Ingredients

CAS number	Chemical Component	Percent
14940-68-2	Zircon	≤5%
	Other ingredients determined not to be hazardous	≥95%

## Section 4 - First Aid Measures

### Necessary First Aid Measures:

#### inhalation

This method of entering the body is unlikely. If it occurs, immediately move the victim to fresh air or remove the source of contamination. Ensure airways are clear and if breathing is restricted allow qualified person to administer oxygen through a face mask. If not breathing apply artificial respiration. Seek medical attention if irritation develops and persists.

#### skin exposure

Wash affected area gently and thoroughly with water and non-abrasive soap. Wash or discard contaminated clothing before re-using. If irritation occurs seek medical attention immediately.

#### eye exposure

Immediately flush eyes with a large amount of water for at least 15 minutes, ensure eyelids are held open. Rubbing may cause abrasion of cornea. If pain or redness occurs seek medical advice.

#### ingestion

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Do not induce vomiting, wash the victims mouth out thoroughly with water. Except by a deliberate act the ingestion of large amounts of this product is unlikely.

### **advice to doctor**

Treat symptomatically

### **other information**

For advice contact:

Poisons Information Centre

Australia.....131 126

New Zealand.....03 4747 000

## Section 5 - Fire Fighting Measures

### **Suitable Extinguishing Media**

Use extinguishing media suitable for the surrounding environment.

### **Hazards from Combustion Products**

While in liquid form non-flammable, non-combustible. If involved in a fire and water is evaporated residue may be combustible. May release toxic gases.

### **Precautions for Fire Fighters and special Protective Equipment**

Wear a NIOSH approved positive pressure, self contained breathing apparatus and fire fighter turnout gear

## Section 6 - Accidental Release Measures

### **Emergency Procedures**

Increase ventilation and remove all unnecessary staff.

### **Methods & Materials for Containment & Clean Up Procedures:**

Contain spillage by damming and cover with non-combustible, non-reactive absorbent material.

### **Large spills**

If large quantities do enter the environment contact your local waste management authority.

## Section 7 - Handling & Storage

### **Precautions for Safe Handling**

Avoid contact with eyes. Strict maintenance of personal hygiene standards are necessary; hands should be washed prior to eating, drinking, smoking or going to the toilet.

### **Conditions for Safe Storage:**

Store in a cool, dry, well ventilated place. Keep lid tightly closed when not in use. Store away from excessive heat, strong oxidising agents, strong acids, food and feedstuffs. Keep container tightly closed to avoid contamination or leakage.

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### Section 8 - Exposure Controls/Personal Protection

#### National Exposure Standards

No standard is allocated

#### Biological Limit Values

No limit is allocated

#### Engineering controls

The use of respiratory protection devices or ventilation systems is recommended if the product is to be heated creating excessive fumes.

#### Personal Protective Equipment:

##### Eyes/Face

Eye protection should be worn appropriate to individual circumstance and engineering controls already in place.

##### Skin

Protective clothing and gloves may be worn if skin contact is likely while working with this material. Open shoes should not be worn.

##### Respiratory

Avoid inhaling vapours/mist. If ventilation is inadequate wear a mask which complies with government standards.

##### General

An eye wash fountain is recommended.

### Section 9 - Physical & Chemical Properties

<b>Appearance</b>	Light blue coloured liquid		
<b>Odour</b>	Odourless		
<b>pH</b>	Not Available		
<b>Vapour Pressure</b>	Not Applicable		
<b>Vapour Density</b>	Not Applicable		
<b>Boiling Point</b>	100°C	<b>Melting Point</b>	Not Applicable
<b>Solubility</b>	Aqueous suspension	<b>Solvent</b>	Water
<b>Specific Gravity</b>	1.2 – 1.7		
<b>Flammable limits</b>			
<b>LEL:</b>	Not applicable		
<b>UEL:</b>	Not applicable		

### Section 10 - Stability & Reactivity

#### Chemical Stability

Stable under normal ambient conditions of storage

#### Conditions to Avoid

Avoid contact with strong oxidisers, acids, excessive heat, sparks or open flame.

#### Incompatible Materials

Strong oxidising agents, acids and heat.

#### Hazardous Polymerisation

Will not occur.

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### Section 11 – Toxicological Information

#### Acute & Chronic Health Effects

##### Possible Routes of Exposure:

##### Ingestion

May cause irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting and abdominal pains.

##### Skin

May cause redness and itching

##### Eye

May cause irritation resulting in redness, stinging and lachrymation

##### Chronic effects

Repeated or prolonged exposure may cause skin irritation and dermatitis.

### Section 12 - Ecological Information

#### Ecotoxicity

Not available for this material

#### Persistence/ Degradability

Not available for this material

#### Mobility

Not available for this material

### Section 13 – Disposal Considerations

#### Disposal Methods

Consult regulations of state and local EPA to ensure proper disposal

### Section 14 – Transport Information

Not classified as a Dangerous Good 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 & Subsidiary Risk(s)** None Allocated

**Packing Group** None Allocated

### Section 15 – Regulatory Information

Not classified as hazardous according to the criteria of the NOHSC.

Not classified as dangerous goods according to the ADG Code.

### Section 16 – Other Information

#### Date of Preparation

1 July 2004

#### Key/Legend

ACGIH – American Conference of Governmental Hygienists

NTP – National Toxicology Program

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OSHA – Occupational Safety and Health Administration

TWA – Time Weighted Average (Concentration of a substance over an eight hour day, for five working days a week over an entire working lifetime)

TLV – Threshold Limit Value

### References

<a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a>	1/07/04
<a href="http://www.nohsc.gov.au/OHSinformation/Databases/HazardousSubstances">www.nohsc.gov.au/OHSinformation/Databases/HazardousSubstances</a>	1/07/04
<a href="http://www.cdc.gov/niosh">www.cdc.gov/niosh</a>	1/07/04
<a href="http://www.minerals.csiro.au/safety/hazchem.htm">www.minerals.csiro.au/safety/hazchem.htm</a>	1/07/04
<a href="http://www.npi.gov.au">www.npi.gov.au</a>	1/07/04

**END OF MSDS**