

# MATERIAL SAFETY DATA SHEET

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Date of Issue 01/09/10

## STATEMENT OF HAZARDOUS NATURE

Hazardous according to the criteria of Worksafe Australia

### COMPANY DETAILS

Company: Lime Industries Pty Ltd  
Address: 43 Hector Street, Osborne Park WA 6017  
Telephone Number: (08) 9241 1100 (Business hours - WST)  
Emergency Telephone Number 131 126 (National Poisons Information Centre)

### IDENTIFICATION

Product Name: **BAGGED LIME PUTTY**

Other Names: ENVIROLIME GREEN, BLUE OR RED LABEL LIME PUTTY

Manufacturer's Product Code: None  
UN Number: None allocated  
Dangerous Goods Class and Subsidiary Risk: None  
Hazchem Code: None  
Poisons Schedule Number: Not scheduled  
Use: For plastering

### PHYSICAL DESCRIPTION/PROPERTIES

Product Description: Off-white suspension of Calcium Hydroxide with the consistency of thick cream.

Odour: Slight chalky odour.

Viscosity: At rest, this material is very viscous. However, because it is thixotropic it is easily conveyed through pumps.

pH: 12

Percentage Solids: 35 -42%

## PHYSICAL DESCRIPTION/PROPERTIES

Available CaO:	24% (+/-2)
Boiling Point/Melting Point:	100 degrees Celsius - water will boil off.
Vapour Pressure:	Not applicable
Flashpoint:	Not applicable
Flammability Limits:	Not applicable
Solubility in Water:	Slightly soluble

## HEALTH HAZARD INFORMATION

### INGREDIENTS

#### Chemical Composition:

Components:	CAS No:	Proportion
Calcium Hydroxide:	1305-62-0	30-45%
Magnesium Hydroxide:	1309-42-8	0-5%
Silicon Dioxide:	14808-60-7	0-10%
Calcium Carbonate:	471-34-1	4-15%
Aluminium Oxide:	1344-28-1	0.1-1%
Iron Oxide:	1309-37-1	0-0.5%
Water:	7732-18-5	to 100%

#### Health Effects

No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment"(May 1995)

#### Acute Effects:

Ingestion:	Lime Putty is alkaline and therefore may burn the mouth and throat if swallowed.
Eyes:	Contact with eyes will cause irritation or characteristic alkaline burns.
Skin:	May be severely irritating to the skin and moist tissue Contact can cause corrosive burns. Extent of the damage depends on the duration of contact.
Inhaled:	Due to the product form, inhalation hazard is low.

**First Aid**

- Ingestion: Do not induce vomiting, wash mouth and lips with copious amounts of water and give limited amounts of water or milk to drink. Seek urgent medical attention.
- Skin: Quickly, but gently, wipe material off skin. Immediately remove all contaminated clothing including footwear. Wash affected area thoroughly with soap and water. If any effects persist, seek medical attention.
- Eyes: Gently flush with running water, holding eyelid open for 15 minute period. Seek medical attention if irritation persists.
- Inhalation: Not applicable.
- Advice to Doctor: Contact Poisons Information Centre on 131 126.

<b><i>PRECAUTIONS FOR USE</i></b>
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- Incompatible with: Strong oxidising agents (i.e. chlorine, peroxides) and acid.
- Ventilation: As no vapour hazard exists, no special precautions are required
- Protective Equipment: Splash proof goggles, work boots/clothes are recommended when handling Lime Putty. Some individuals with sensitive skin may require PVC/ leather gloves if prolonged skin contact occurs.

<b>SAFE HANDLING INFORMATION</b>
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Storage and Transport: Lime Putty should be stored in a cool, protected place, away from strong oxidants or acids. Usually supplied in 25 kg plastic bags Lime Putty is not regulated for transport purposes.

Spills and Disposals: Suitably attired personnel should clean up spillages with a broom or shovel. Materials should be recycled or neutralized with diluted hydrochloric acid (HC1) to a pH of 7-9.

Fire/Explosion Hazard: Lime Putty is noncombustible.

**OTHER INFORMATION:** Reacts with all types of acidic materials

**CONTACT POINT:** LIME INDUSTRIES PTY LTD  
(08) 9241 1100