


Lime green Products

COSHH Assessment Lime mortars and renders

Company: Lime green Products Ltd

Assessed By : S Ayres

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Signature : 

Composition

Ready mixed mortar is a mixture of natural aggregates or lightweight aggregates, mixed with lime binders; NHL5, NHL3.5, NHL2, CL90 Prompt natural cement, Cement and water.

Premix mortar is a mixture of aggregates, binder and water. Admixtures may be added to improve product handling characteristics or the properties of the hardened mortar. Pigments may be added to colour the product to customer requirements. The resultant mixture is abrasive and alkaline

Harmful Constituents

Calcium Hydroxide $Ca(OH)_2$
(alkaline Ph 12.4)

Cement

Hazards / Medical effects

Eyes – painful irritation; can cause serious damage if not treated quickly
Skin – may cause burns. Dermatitis may result from repeated / prolonged use.

Ingestion – may cause burns and irritation to gastrointestinal tract.

Exposure

Exposure during handling or use

Control measures

- Eliminate or reduce need for manual handling

- Stack in closed containers/sacks

P.p.e – Wear rubber, barrier cream for handling, and cover all clothing; wear goggles.

Avoid accidental release. store securely when unattended; do not leave open sacks unattended at any time

Personal protective equipment

- Gloves, long –sleeves and trousers must be worn when carrying out this operation.
- Remove and do not re-wear contaminated clothing; wash thoroughly without handling.
- Goggles are necessary
- Overalls

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Emergency Procedures

Suitable first aid facilities and cover must be available at all times and made known to all those using or handling products through induction and display

Eyewash facilities should be close at hand at all times.

First aid

Eyes – IMMEDIATELY remove particles using clean water or saline, and irrigate thoroughly for a minimum of 15 mins. Speed is essential to avoid serious damage. Seek medical help urgently.

Skin - remove contaminated clothing and wash immediately with plenty of clean water to avoid irritation or burns.

Ingestion – Do not induce vomiting. Wash mouth with water and drink copious quantities of water. Seek medical advice if necessary

In all cases, if discomfort persists, seek medical help urgently

Spillage - Scoop up and contain, while wearing full p.p.e. Avoid contamination of drains or watercourses ; spillages into watercourses must be alerted to the Environment Agency (ring hotline on **0800 807060**)

Information, instruction & training

Induction or tool-box talk should include full instruction for handling and risk reduction. It must be understood that control is to be strict and enforced with disciplinary measures where necessary

Waste

Non-hazardous but controlled waste material; covered/ contained, disposal by licensed carrier to licensed tip

Control

- Use forklift / telehandler for handling
- Ensure that operatives are trained to lift and are capable to lifting individual bags
- Discard safely damaged bags
- Stack pallets no more than two high
- Do not members of public enter store
- Inspect for damaged bags when offloading and prior to removal from store