

**MATERIAL SAFETY DATA SHEET
ENVIROWALL RENDERS
COSHH**

(Control of Substances Hazardous to Health)

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Authorised By: M. A. Gee

**1. IDENTIFICATION OF SUBSTANCE
MANUFACTURER**

Envirorend Substances:

**Base Coats; Brick-Rend; Com-Rend
WP; Dash Receivers; roughcast; Spray-
Rend; silicone Com-Rend WP**

Manufacturing Company:

**Kilwaughter Chemical Co Limited,
9 Starbog Road
LARNE, Co Antrim
N Ireland, BT40 2TJ
Tel: 0282826 0766 Fax: 2826 0136**

**2. COMPOSITION / INFORMATION ON
INGREDIENTS**

A blend of sand, cement, lime and admixtures. The main hazardous ingredients are Calcium Hydroxide, Calcium silicates and Alkalis.

3 HAZARDS IDENTIFICATION

Inhalation of powder and contact between powder and skin or eyes may cause irritation. Contact between powder and body fluids (e.g. sweat and eye fluids) may also cause irritation, dermatitis or burns. Contact with wet cement or wet render may cause skin irritation, dermatitis or burns. There is a risk of serious damage to eyes.

4 FIRST AID MEASURES

Eye contact:

Wash eyes immediately with plenty of clean water for a least 15 minutes and seek medical advice without delay.

Skin contact:

Wash the affected area thoroughly with soap and water. If irritation persists, seek medical advice.

Ingestion:

Do not induce vomiting. Wash mouth out with water and give patient plenty of water to drink. If irritation persists, seek medical advice.

Inhalation:

If irritation occurs, remove patient to fresh air. If irritation persists, seek medical advice.

5. FIRE FIGHTING MEASURES

The product is not flammable and will not burn.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection:

See Section 9.

Method for clearing up:

If material is in powder state, sweep up avoiding the generation of dust. If material is a paste, scrape up. Avoid contamination of watercourses and drains.

7. STORAGE AND HANDLING

Storage:

Keep in a safe, dry area.

Handling:

When opening and mixing, avoid the formation of dust.
Wear protective clothing as outlined.

**8. EXPOSURE CONTROLS /
PERSONAL PROTECTION**

Occupational Exposure Standard:

OES 8 Hr TWA (Time Weighted Average)
10mg per cubic metre inhalable dust;
5mg per cubic metre respirable dust.

Engineering Measures:

Where reasonably practicable, control dust exposure by engineering means.

Personal Protective Equipment:

Wear suitable protective clothing to avoid contact with skin. A dust mask and dust-proof goggles should be worn wherever there is a possibility of dust being generated.



9. PHYSICAL / CHEMICAL PROPERTIES

Physical State:	Powder blend
Mean Particle Size:	5 micron to 2mm
Odour:	N/A
PH:	12 – 14 when wet
Viscosity:	N/A
Freezing Point:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Flash Point:	N/A (Not flammable)
Explosives Properties:	N/A (Not explosive)
Density:	1,200-1,800kg/m ³
Solubility:	Partially soluble in water

10. STABILITY AND REACTIVITY

Chemical Instability: N/A
Hazardous Decomposition Products: N/A

11. TOXICOLOGICAL INFORMATION

Short-term Effects

Eye Contact:

Cement is a severe eye irritant, and mild exposures can lead to soreness. Untreated exposure and larger exposure can lead to chemical burning and ulceration.

Skin Contact:

Cement powder and wet paste can cause irritation, contact dermatitis, allergic dermatitis (Chromium) and / or cause burns.

Ingestion:

Small amounts are unlikely to cause any significant reaction. Larger dosages may result in irritation of the gastro-intestinal tract.

Inhalation:

Cement powder may cause inflammation of the mucous membrane.

Chronic Effects

Repeated high exposures above the OES have been linked to rhinitis and coughing. Skin exposure, particularly to the wet paste, has been linked to allergies (Chromium) dermatitis.

Calcium Hydroxide Toxicity Data

Eye – rbt 10mg SEV; cyt – rat/ast
1200mg/kg orl – rat LD50:7340mg/kg; orl
– mus LD50: 7300mg/kg.

12. ECOLOGICAL INFORMATION

Equatic Toxicity

LC50 not determined
For Calcium Hydroxide: Toxicity Level – 92ppm / 7 Hour / Trout / Fresh Water. The addition of cement to water will result in a rise of pH and may, therefore, be toxic to aquatic life.

Biological Oxygen Demand

BOD not applicable.

13. DISPOSAL CONSIDERATIONS

Dispose of empty sacks or surplus cement at a site authorised to accept builders' waste.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION

Classification

Irritant

Risk Phrases

Contact with wet cement or wet mortar may cause irritation, dermatitis or burns. Contact between powder and body fluids (e.g. sweat and eye fluids) may cause irritation, dermatitis or burns. There is a risk of serious damage to the eyes.

Safety Phrases

Wear suitable protective clothing, gloves and eye/face protection.
In case of contact with eyes, rinse immediately with plenty of clean water, and seek medical advice.
Keep out of reach of children.

16. OTHER INFORMATION

The information contained herein is based on our current experience and knowledge, and does not act as a guarantee.

