

## EWI-749 LIME PLASTER SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY OR UNDERTAKING

#### 1.1 Product Identifier:

EWI-749 Lime Plaster in accordance with EN 998-1

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

Plaster for smooth or fine float finish coating.

#### 1.3 Details of the supplier of the safety data sheet:

##### Manufacturer:

EWI Pro Insulation Systems Ltd  
Unit 1-2, King Georges Trading Estate, Davis Road, Chessington, England, KT9 1TT  
0800 133 7072  
info@ewipro.com  
technical@ewipro.com

##### Producer:

COMCAL NATURAL, S.L.  
Av. CAN BORDOLL, 55 Nau 2 P.I. Can Roqueta  
SABADELL Provincia: BARCELONA  
+34 93 729 42 54  
comercial@com-cal.com

#### 1.4 Emergency phone number:

UK emergency medical advice:

- NHS 111 (non-life-threatening medical advice – 24/7)
- NHS 999 (life-threatening emergencies)
- National Poisons Information Service (NPIS) – for healthcare professionals only

Spanish manufacturer's toxicology emergency number: +34 915 620 420 (24h, Spanish language only – Spanish National Toxicology Service)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

In accordance with UK CLP Regulation (SI 2019/720, as amended):

Hazard Class	Category	Hazard Statement Code
Skin irritation	Category 2	H315: Causes skin irritation
Serious eye damage/irritation	Category 1	H318: Causes serious eye damage
Specific target organ toxicity – single exposure (respiratory tract irritation)	Category 3	H335: May cause respiratory irritation

### 2.2 Label elements

Signal word: **Danger**

#### Hazard Pictograms



GHS05 'Corrosion'

GHS07: Exclamation mark (for skin irritation)

#### Hazard statements:

- H315: Causes skin irritation
- H318: Causes serious eye damage
- H335: May cause respiratory irritation

#### Precautionary statements:

- P102: Keep out of reach of children.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTRE or doctor.
- P302+P352+P333+P313: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- P261+P304+P340+P312: Avoid breathing dust. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
- P501: Dispose of contents/container in accordance with local/regional/national regulations.

### 2.3 Other hazards

- Product is alkaline and can cause burns to eyes and skin on prolonged contact.
- Does not meet the criteria for PBT or vPvB according to UK REACH.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances – Not applicable – mixture

### 3.2 Mixtures

Substance	CAS No. / EC No.	% by weight	Classification under UK CLP
Selected marble aggregates	1317-65-3 / 215-279-6	>75%	H315, H318, H335
Hydrated lime CL-90S	1305-62-0 / 215-137-3	>15%	H315, H318, H335
Extra fine natural pozzolan	–	<5%	Not classified

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

- Inhalation: Remove to fresh air. Rinse mouth with water. Blow nose gently to remove dust. Seek medical advice if symptoms persist.
- Skin contact: Remove contaminated clothing. Wash with plenty of soap and water for at least 15 minutes. Do not use solvents or abrasives. Seek medical advice if irritation persists.
- Eye contact: Rinse immediately with plenty of water for at least 15 minutes, keeping eyelids open. Remove contact lenses if present and easy to do. Seek immediate medical attention.
- Ingestion: Rinse mouth with water if conscious. Do not induce vomiting. Seek immediate medical advice.

### 4.2 Most important symptoms and effects, both acute and delayed

- Eye contact: Severe irritation, redness, pain, watering, blurred vision; risk of serious eye damage or blindness.
- Skin contact: Irritation, redness, dryness, itchiness; prolonged contact with wet product may cause dermatitis or chemical burns.
- Inhalation: Irritation to respiratory tract, coughing, throat discomfort.
- Ingestion: Irritation or burns to mouth, throat, and gastrointestinal tract; abdominal pain, nausea, vomiting, diarrhoea.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Carry SDS to medical personnel. Symptomatic treatment.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

- Suitable extinguishing media: Product is non-flammable. Use extinguishing media suitable for surrounding fire: water spray, alcohol-resistant foam, dry powder, CO<sub>2</sub>.
- Unsuitable extinguishing media: Avoid high-pressure water jet, which may disperse the product.

### 5.2 Special hazards arising from the substance or mixture

- Product itself is non-flammable.
- Decomposition at high temperatures may release carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), and irritating smoke.

### 5.3 Advice for firefighters

- Wear full protective equipment and self-contained breathing apparatus (SCBA).
- Keep containers cool with water spray.
- Avoid breathing fumes; stay upwind.
- Contain run-off to prevent environmental contamination.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes.
- Wear gloves, protective clothing, safety goggles, and dust mask if airborne dust is generated.
- Caution: wet surfaces may become slippery.

### 6.2 Environmental precautions

- Prevent entry into drains, watercourses, and soil.
- Alkaline material may alter pH of water if spilled in large amounts.

### 6.3 Methods and material for containment and cleaning up

- Contain spill with inert absorbent (sand, soil, vermiculite).
- Collect into suitable containers for disposal in accordance with Section 13.
- Clean residue with water and neutral detergent. Avoid high-pressure water to drains.

#### 6.4 Reference to other sections

- See Section 8 for PPE.
- See Section 13 for waste disposal.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

- Avoid contact with skin, eyes, and clothing.
- Use PPE as described in Section 8.
- Work in well-ventilated areas.
- Avoid breathing dust or mist.
- Clean spills promptly to avoid slip hazards.
- Keep away from acids and incompatible materials.

### 7.2 Conditions for safe storage, including any incompatibilities

- Store in original, tightly closed packaging.
- Keep in cool, dry, well-ventilated area between 5°C and 30°C.
- Protect from frost, excessive heat, and direct sunlight.
- Keep away from acids, ammonium salts, and reactive metals (aluminium, zinc).

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### UK Workplace Exposure Limits (EH40/2005):

- Calcium hydroxide: 5 mg/m<sup>3</sup> (8-hr TWA, total inhalable dust)
- Calcium carbonate: 10 mg/m<sup>3</sup> (8-hr TWA, total inhalable dust)

## 8.2 Exposure controls

- Engineering controls: Provide adequate ventilation; local exhaust where dust or mist may be generated.
- Eye/face protection: Safety goggles with side protection (EN 166). Face shield for high splash risk.
- Hand protection: Nitrile, PVC, or neoprene gloves (EN ISO 374-1).
- Skin protection: Long-sleeved clothing and closed footwear.
- Respiratory protection: Normally not required; if dust/aerosols present, use FFP2/FFP3 mask (EN 149).
- Environmental: Avoid release into drains or watercourses.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties:

Appearance: White powder

Odour: Odourless

pH: 11–13.5 (20°C, saturated solution)

Melting point: >450°C

Boiling point: ~100°C

Flash point: Not applicable

Flammability: Non-flammable

Density: 2.4–2.9 g/cm<sup>3</sup>

Solubility: Slight in water

Oxidising properties: None

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

- Alkaline reaction in contact with water.

### 10.2 Chemical stability

- Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

- Exothermic reaction with acids.
- May react with aluminium or zinc to release hydrogen gas.

### 10.4 Conditions to avoid

- Excessive moisture, heat, and incompatible materials.

### 10.5 Incompatible materials

- Strong acids, ammonium salts, reactive metals.

### 10.6 Hazardous decomposition products

- None under normal use. Thermal decomposition may release CO and CO<sub>2</sub>.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Inhalation:

May cause respiratory irritation (H335).

### Skin contact:

Causes skin irritation (H315).

### Eye contact:

Causes serious eye damage (H318).

### Ingestion:

May cause irritation or burns to digestive tract.

### Other:

No evidence of carcinogenicity, mutagenicity, or reproductive toxicity.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Not classified as hazardous to the environment, but alkaline pH may harm aquatic organisms.

### 12.2 Persistence and degradability

Inorganic components are

not biodegradable.

### 12.3 Bioaccumulative potential

Negligible for inorganic components.

### 12.4 Mobility in soil

Slightly soluble; alkaline fraction may migrate in water.

### 12.5 PBT/vPvB assessment

Does not contain PBT or vPvB substances under UK REACH.

### 12.6 Other adverse effects

High pH can adversely affect aquatic environments.

## SECTION 13: DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

- Dispose of unused product via licensed waste contractor.
- Avoid release into drains/watercourses.
- Empty packaging should be fully emptied and disposed of in accordance with local regulations.
- UK waste code (EWC): 17 09 03\* (other construction and demolition wastes containing hazardous substances).

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN Number:

Not applicable – product is not classified as dangerous goods under ADR, RID, IMDG, or IATA.

### 14.2. Proper Shipping Name:

Not regulated for transport.

### 14.3. Transport Hazard Class(es):

Not applicable.

### 14.4. Packing Group:

Not applicable.

### 14.5. Environmental Hazards:

Product is not classified as hazardous to the environment for transport purposes.

### 14.6. Special Precautions for User:

Transport in sealed, intact containers to prevent leaks and spills.

Avoid rough handling or puncturing of packaging.

Protect from frost, excessive

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heat, and direct sunlight.



**14.7. Transport in Bulk According to MARPOL Annex II and the IBC Code:**

Not applicable – product is not intended for bulk transport by sea.

**SECTION 15: REGULATORY INFORMATION****15.1 Regulations and legislation on health, safety, and environment specific to the mixture:**

This product is subject to the provisions of the UK REACH Regulation (SI 2020/1577) and the UK CLP Regulation (SI 2019/720, as amended).

The mixture has been classified, labelled, and packaged in accordance with UK CLP requirements.

The product does not contain substances listed as Substances of Very High Concern (SVHC) under UK REACH.

No component contains soluble hexavalent chromium (Cr(VI)) above the classification threshold.

**15.2 Chemical Safety Assessment:**

A Chemical Safety Assessment has not been carried out for this mixture.

**SECTION 16: OTHER INFORMATION****Hazard statements in full:**

- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H335: May cause respiratory irritation.

**Abbreviations:**

- UK REACH: UK Registration, Evaluation, Authorisation and Restriction of Chemicals
- CLP: Classification, Labelling and Packaging Regulation
- PPE: Personal Protective Equipment
- SCBA: Self-Contained Breathing Apparatus

The information provided in this datasheet is based on the data available to us at the date of its publication.

It is the user's responsibility to take appropriate precautionary measures and apply the recommendations described previously. The information presented in this datasheet should not be considered exhaustive.

Any use of the product not specified in the instructions on the packaging, our website, or other documents provided by our company is entirely the responsibility of the user.