

EWI-707 LIME WASH SAFETY DATA SHEET

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

1.1 Product Identifier:

EWI-707 Lime Wash

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

Paint for walls and ceilings on interior surfaces, applicable on porous mineral surfaces. Do not use for purposes other than those described.

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 Unit 2, P.I. Can Roqueta, Sabadell, Barcelona
+34 93 729 42 54
comercial@com-cal.com

1.4 Emergency phone number:

Environment Agency Emergency Hotline: +44/(0)800 80 70 60

Emergency Services (UK): 999

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

According to Regulation (EC) No. 1272/2008:

Hazard Class	Category	Hazard Statements
Skin irritation	2	H315: Causes skin irritation
Serious eye damage/eye irritation	1	H318: Causes serious eye damage

2.2 Label elements

Hazard statements:

→ H318 Causes serious eye damage.

→ H315 Causes skin irritation.

- ➔ P102 Keep out of reach of children.
- ➔ P280 Wear protective gloves/clothing/eye/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 CENTER 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.
- ➔ P501 Dispose of contents/container at an appropriate waste collection point.

Label Pictograms



GHS05 'Corrosion'

GHS07: Exclamation mark (for skin irritation)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures:

Ingredient	CAS No.	Content (% w/w)	Classification (Reg. (EC) 1272/2008)	UK Workplace Exposure Limit (EH40)
Water	7732-18-5	>40%	Not classified	None assigned
Fillers: Titanium dioxide	13463-67-7	>30%	Not classified	10 mg/m ³ (inhalable), 4 mg/m ³ (respirable) – 8-hr TWA
Fillers: Talc (respirable dust)	14807-96-6	>30%	Not classified	1 mg/m ³ (respirable) – 8-hr TWA (contains no asbestos)
Fillers: [Verify CAS 548-62-9 identity]	548-62-9	>30%	Not classified	No WEL assigned*
Calcium hydroxide	1305-62-0	>10%	H318, H315, H335	5 mg/m ³ (inhalable), 1 mg/m ³ (respirable) – 8-hr TWA
Thickeners	9004-62-0	<0.5%	Not classified	None assigned
Binders	24937-78-8	<10%	Not classified	None assigned
Other additives	–	<0.5%	Not classified	None assigned

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General notes: Not classified as hazardous. No serious adverse effects are expected under normal conditions of use. If in doubt or symptoms persist, seek medical advice and show this safety data sheet.

→ **Inhalation:** Unlikely under normal conditions. If inhaled accidentally, move victim to fresh air and rest. Seek medical advice if unwell.

→ **Skin contact:** Wash with soap and water. Seek medical advice if irritation persists.

→ **Eye contact:** Rinse with plenty of water for at least 15 minutes, keeping eyelids open. Remove contact lenses if possible. Seek medical advice if irritation persists.

→ **Ingestion:** Rinse mouth with water (if conscious). Do not induce vomiting unless directed by medical personnel. Seek immediate medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Water spray, alcohol-resistant foam, dry chemical powder, or CO₂. Avoid high-pressure water jets.

5.2 Specific hazards arising from the mixture:

Not flammable under normal conditions due to water content. At high temperatures, may produce CO, CO₂, unidentified hydrocarbons, dense black smoke.

5.3 Advice for firefighters:

Wear protective clothing and self-contained breathing apparatus. Avoid inhaling fumes. Cool exposed containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid direct contact with skin and eyes. Wear gloves and safety glasses. Ventilate area.

6.2 Precautions for the environment:

Do not wash into drains.

6.3 Methods and material for containment and cleaning:

Contain with non-reactive absorbent (sand, earth, sawdust). Clean residues with water and neutral detergent.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid prolonged skin and eye contact. Use in well-ventilated areas. Wear gloves and goggles if handling large quantities or spraying.

7.1.2. Precautions for Safe Storage:

Store in original sealed container in a cool, dry, shaded place between 5–30 °C. Avoid freezing. Keep out of reach of children and animals.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Where applicable, the following Workplace Exposure Limits (WELs) under the UK Control of Substances Hazardous to Health Regulations (COSHH), as published in EH40/2005 (as amended), apply to components of this product:

Occupational Exposure Limit Values (VLA):

Substance	CAS No.	WEL – 8-hr TWA (long-term)	WEL – 15-min STEL (short-term)	Notes
Calcium hydroxide	1305-62-0	5 mg/m ³ (inhalable fraction), 1 mg/m ³ (respirable fraction)	–	–
Titanium dioxide (total dust)	13463-67-7	10 mg/m ³ (inhalable fraction), 4 mg/m ³ (respirable fraction)	–	–
Talc (respirable dust)	14807-96-6	1 mg/m ³ (respirable fraction)	–	Contains no asbestos
Calcium carbonate (if present as part of mineral fillers)	471-34-1	10 mg/m ³ (inhalable fraction), 4 mg/m ³ (respirable fraction)	–	General nuisance dust limits apply

8.2 Exposure controls:

- ➔ Use in well-ventilated areas.
- ➔ For spraying: wear a mask (FFP2 or FFP3).
- ➔ Gloves: resistant (nitrile recommended).
- ➔ Goggles: recommended in industrial/professional use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

- ➔ Appearance: Opaque, matte, mineral emulsion (white or coloured)
- ➔ Odour: Low
- ➔ pH: 13 ± 0.05
- ➔ Density: $1.35 \text{ g/cm}^3 \pm 0.05$
- ➔ Viscosity: $6000 \pm 1000 \text{ cP}$ (Brookfield RTV3 RPM10)
- ➔ VOC content: $<1 \text{ g/l}$
- ➔ Free formaldehyde content: $<0.01 \text{ mg/kg}$

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

The product is not reactive under normal conditions of storage and handling. Alkaline in nature; may react with acids with release of heat.

10.2 Chemical stability:

Stable under normal temperatures and pressures during storage and handling. Avoid freezing, which may affect product stability.

10.3 Possibility of hazardous reactions:

No hazardous polymerisation expected. Contact with strong acids may produce an exothermic reaction and release of heat.

10.4 Conditions to avoid:

Avoid extreme temperatures ($<5^\circ\text{C}$ or $>30^\circ\text{C}$). Protect from frost, direct sunlight, strong winds, and moisture ingress during storage. Prevent drying in container.

10.5 Incompatible materials:

Acids and acidic materials. Aluminium and other reactive metals may be attacked by the alkaline solution with hydrogen gas evolution.

10.6 Hazardous decomposition products:

No hazardous decomposition products expected under normal use. Thermal decomposition or fire may produce calcium oxide, metal oxides, carbon oxides (CO , CO_2), and irritating fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:

Not toxic under normal use, but prolonged exposure in poorly ventilated spaces may irritate respiratory tract.

Ingestion:

Small amounts – no significant toxicity; large amounts – may cause gastrointestinal discomfort.

Eye contact:

Causes irritation, redness, pain.

Skin contact:

May cause irritation or burns with prolonged exposure.

Carcinogenicity:

Not classified as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Not classified as hazardous to the aquatic environment. No specific ecotoxicity data are available for the mixture. Based on available data for components, no significant adverse effects on aquatic organisms are expected when used as intended. Large releases to watercourses may cause localised increases in pH, which can be harmful to aquatic life.

12.2 Persistence and degradability:

The inorganic components are not biodegradable. Organic binders and additives are expected to be inherently biodegradable in the long term.

12.3 Bioaccumulative potential:

Not expected to bioaccumulate. The main components (calcium hydroxide, titanium dioxide, talc, calcium carbonate) have low solubility in water and low potential for bioaccumulation.

12.4 Soil mobility:

Insoluble mineral components will display low mobility in soil. Soluble alkaline components may migrate in water, potentially raising pH locally.

12.5 PBT and vPvB assessment results:

The mixture does not contain substances that are identified as PBT (Persistent, Bioaccumulative, and Toxic) or vPvB (very Persistent and very Bioaccumulative) according to Annex XIII of REACH.

12.6 Other adverse effects:

No known significant adverse environmental effects. Spillage into watercourses should be avoided to prevent localised pH changes.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Dispose of in accordance with local, regional, and national regulations for non-hazardous waste. Do not allow the product to enter drains, watercourses, or soil.

➔ **Product/unused material:** Collect in suitable, labelled containers for disposal at an authorised waste facility. May be solidified with inert absorbent before disposal.

➔ **Contaminated packaging:** Empty containers may contain residues; handle in accordance with product safety information. Clean with water where possible before recycling. If recycling is not possible, dispose of as non-hazardous waste.

➔ **Waste code (EWC):** Suggested code 08 01 12 – Waste paint and varnish other than those mentioned in 08 01 11. *(User should verify with local waste authority.)*

SECTION 14: TRANSPORT INFORMATION

14.1. UN Number:

Not applicable.

14.2. Proper Shipping Name:

Not applicable.

14.3. Transport Hazard Class(es):

Not applicable.

14.4. Packing Group:

Not applicable.

14.5. Environmental Hazards:

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

14.6. Special Precautions for User:

No special precautions required other than those described in Sections 7 and 8. Avoid spillage during handling and transport.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Regulations and legislation on health, safety, and environment specific to the mixture:

This product is manufactured and supplied in compliance with:

➔ UK REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals (Retained Regulation (EC) No. 1907/2006 as amended by UK legislation).



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EWI Pro Insulation Systems Ltd is registered in England No. 09898159
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- ➔ UK CLP – Classification, Labelling and Packaging Regulation (Retained Regulation (EC) No. 1272/2008 as amended by UK legislation).
- ➔ The Construction Products Regulations 2013 (SI 2013/1387) – applicable for construction products placed on the GB market.
- ➔ Workplace Exposure Limits (WELs) – Control of Substances Hazardous to Health Regulations 2002 (as amended), EH40/2005.

For products placed on the market in Northern Ireland or for export to the EU, compliance is also maintained with:

- ➔ REACH Regulation (EC) No. 1907/2006 (EU version).
- ➔ CLP Regulation (EC) No. 1272/2008 (EU version).
- ➔ Regulation (EU) No. 305/2011 on construction products.

15.2 Chemical Safety Assessment:

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: OTHER INFORMATION

16.1. Abbreviations and Acronyms:

- ➔ CAS – Chemical Abstracts Service
- ➔ EINECS – European Inventory of Existing Commercial Chemical Substances
- ➔ REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals
- ➔ PBT – Persistent, Bioaccumulative and Toxic
- ➔ vPvB – Very Persistent and Very Bioaccumulative

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.