

EWI-222P PERFORMANCE BASECOAT SAFETY DATA SHEET

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

1.1 Product Identifier:

EWI-222P Performance Basecoat

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

1.2.1. Relevant identified uses

Main use category:

Professional use

Use of the substance/mixture:

Paints/coatings - Protective and functional

External render

1.2.2. Uses advised against

No additional information available

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:

Wetherby Laroc Group, Dalton Industrial Estate Dalton, YO7 3HE – North Yorkshire, United Kingdom
T 01845 578555
technical@wetherbygroup.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:

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
 Serious eye damage/eye irritation, Category 1 H318
 Skin sensitisation, Category 1 H317
 Specific target organ toxicity – Single exposure, Category 3,
 Respiratory tract irritation H335
 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP):

Danger

Contains:

Calcium dihydroxide; Portland Cement Clinker

Hazard statements (CLP):

H315 – Causes skin irritation.
 H317 – May cause an allergic skin reaction
 H318 – Causes serious eye damage.
 H335 – May cause respiratory irritation.

Precautionary statements (CLP):

P280 – Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P302+P352 – IF ON SKIN: Wash with plenty of water.
 P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 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.
 P362+P364 – Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Portland Cement Clinker substance with national workplace exposure limit(s) (GB)	CAS-No.: 65997-15-1 EC-No.: 266-043-4	≥ 20 – < 30	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
Calcium dihydroxide	CAS-No.: 1305-62-0 EC-No.: 215-137-3 REACH-no: 01-2119475151-45	≥ 5 – < 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412
Quartz (SiO ₂) – Respiratory Dust substance with national workplace exposure limit(s) (GB)	CAS-No.: 14808-60-7 EC-No.: 238-878-4	< 0.25	STOT RE 1, H372

Full text of H- and EUH-statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

First-aid measures general:

If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell.

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion:

Rinse mouth out with water. Do not induce vomiting. Give a few small glasses of water or milk to drink. Seek medical attention if ill effect or irritation develops.

4.2 Main symptoms and effects, acute and delayed:

Symptoms/effects after inhalation:

Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact:

May cause moderate irritation.

Symptoms/effects after eye contact:

May cause severe irritation. redness, itching, tears. Risk of serious damage to eyes.

4.3 Indications for medical attention and special treatments to be administered immediately:

No additional information available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Use extinguishing media appropriate for surrounding fire. Water spray.

Unsuitable extinguishing media:

Water jet.

5.2 Specific hazards arising from the mixture:

Fire hazard:

Toxic fumes may be released.

Explosion hazard:

No direct explosion hazard.

Reactivity in case of fire:

Product is not explosive.

Hazardous decomposition products in case of fire:

Toxic fumes may be released.

5.3 Advice for firefighters:

Firefighting instructions:

Use water spray or fog for cooling exposed containers.

Protection during firefighting:

Self-contained breathing apparatus. Wear recommended personal protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

General measures:

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.1.1. For non-emergency personnel:

Protective equipment:

Wear recommended personal protective equipment.

Emergency procedures:

Avoid contact with eyes. Avoid contact with skin. See section 8 of the SDS for more information on personal protective equipment.

6.1.2. For emergency personnel:

Protective equipment:

Equip cleanup crew with proper protection. Use personal protective equipment as required.

For further information refer to section 8: "Exposure controls/personal protection".

6.2 Precautions for the environment:

Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning:

Clean up immediately by sweeping or vacuum.

6.4 Reference to other sections:

No additional information available

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Additional hazards when processed:

Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling:

Avoid contact with skin and eyes. Do not breathe dust. Use personal protective equipment as required.

Hygiene measures:

Always wash hands after handling the product. Wash contaminated clothing before reuse. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep only in original container. Store in a dry place.

Incompatible products:

Oxidizing agent. Strong acids.

Incompatible materials:

Do not allow contact with water.

7.3. Specific end use(s)

No additional information available

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 National occupational exposure and biological limit values

Portland Cement Clinker (65997-15-1)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³

Quartz (SiO₂) - Respiratory Dust (14808-60-7)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	0.1 mg/m ³

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Dust formation: dust mask. Gloves. Protective clothing. Wear eye protection.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

Dust production: dust mask with filter type P2

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

- ➔ Physical state: Solid
- ➔ Colour: Grey.
- ➔ Appearance: Powder.
- ➔ Odour: odourless.
- ➔ Odour threshold: Not available
- ➔ Melting point: > 1200 °C
- ➔ Freezing point: Not available
- ➔ Boiling point: Not applicable.
- ➔ Flammability: Not applicable
- ➔ Oxidising properties: Not applicable.
- ➔ Lower explosion limit: Not applicable.
- ➔ Upper explosion limit: Not applicable.
- ➔ Flash point: Not applicable.
- ➔ Auto-ignition temperature: Not applicable.
- ➔ Decomposition temperature: Not available
- ➔ pH: No data available
- ➔ pH solution: Not available
- ➔ Viscosity, kinematic: Not applicable.
- ➔ Solubility: Partially soluble.
- ➔ Partition coefficient n-octanol/water (Log Kow): Not available
- ➔ Partition coefficient n-octanol/water (Log Pow): Not applicable.
- ➔ Vapour pressure: Not applicable.
- ➔ Vapour pressure at 50°C: Not applicable.
- ➔ Density: 1.62 g/cm³
- ➔ Relative density: Not available
- ➔ Relative vapour density at 20°C: Not applicable
- ➔ Particle size: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (water=1) :

VOC content : 0 g/l

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability:

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions:

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid:

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials:

Strong acids. Oxidizing agent.

10.6 Hazardous decomposition products:

May liberate toxic gases.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral):

Not classified

Acute toxicity (dermal):

Not classified

Acute toxicity (inhalation):

Not classified

Calcium dihydroxide (1305-62-0)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LC50 Inhalation – Rat	> 6.04 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method)

Skin corrosion/irritation:

Causes skin irritation.

pH: No data available

Additional information:

Causes skin irritation.

Calcium dihydroxide (1305-62-0)	
pH	12.4

Serious eye damage/irritation:

Causes serious eye damage.

pH: No data available

Additional information:

Causes serious eye irritation.

Calcium dihydroxide (1305-62-0)	
pH	12.4

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

STOT-single exposure:

May cause respiratory irritation.

Calcium dihydroxide (1305-62-0)	
STOT-single exposure	May cause respiratory irritation.

Portland Cement Clinker (65997-15-1)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure:

Not classified

Calcium dihydroxide (1305-62-0)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Quartz (SiO ₂) - Respiratory Dust (14808-60-7)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard:

Not classified

EWI - 222P Performance Base Coat	
Viscosity, kinematic	Not applicable.

11.2. Information on other hazards
11.2.1. Endocrine disrupting properties
Adverse health effects caused by endocrine disrupting properties:

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

No additional information available



Revision: 2.0

Review Date: 19/12/2025

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Hazardous to the aquatic environment, short-term (acute):

Not classified

Hazardous to the aquatic environment, long-term (chronic):

Not classified

Not rapidly degradable

Calcium dihydroxide (1305-62-0)	
LC50 – Fish [1]	50.6 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 – Crustacea [1]	49.1 mg/l Test organisms (species): Daphnia magna
EC50 72h – Algae [1]	184.57 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC (chronic)	32 mg/l Test organisms (species): Crangon septemspinosa Duration: '14 d'

12.2 Persistence and degradability:

No additional information available

12.3 Bioaccumulative potential:

EWI – 222P Performance Base Coat	
Partition coefficient n-octanol/water (Log Pow)	Not applicable

12.4 Soil mobility:

No additional information available

12.5 PBT and vPvB assessment results:

No additional information available

12.6 Other adverse effects:

Not relevant.

Endocrine disrupting properties

No additional information available

SECTION 13: DISPOSAL CONSIDERATION

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations:

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

HP Code:

HP5 – “Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:” waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP4 – “Irritant – skin irritation and eye damage:” waste which on application can cause skin irritation or damage to the eye.

HP13 – “Sensitising:” waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

SECTION 14: TRANSPORT INFORMATION**14.1. UN Number:**

ADR IMDG IATA ADN RID : Not applicable

14.2. Proper Shipping Name:

ADR IMDG IATA ADN RID : Not applicable

14.3. Transport Hazard Class(es):

ADR IMDG IATA ADN RID : Not applicable

14.4. Packing Group:

ADR IMDG IATA ADN RID : Not applicable

14.5. Environmental Hazards:

ADR IMDG IATA ADN RID : Not applicable

14.6. Special Precautions for User:**Overland transport**

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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:****15.1.1. EU-Regulations****REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Revision: 2.0
Review Date: 19/12/2025



EWI Pro Insulation Systems Ltd is registered in England No. 09898159
Email: info@ewipro.com Web: www.ewipro.com Contact: 0800 133 7072
Registered Office: Unit 1-2, King Georges Trading Estate, Davis Road, Chessington, England, KT9 1TT

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 0 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2 Chemical Safety Assessment:

No additional information available

SECTION 16: OTHER INFORMATION

Full text of H- and EUH-statements:

Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3
 Eye Dam. 1 Serious eye damage/eye irritation, Category 1
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects.
 Skin Irrit. 2 Skin corrosion/irritation, Category 2
 Skin Sens. 1B Skin sensitisation, category 1B
 STOT RE 1 Specific target organ toxicity – Repeated exposure, Category 1
 STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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.