

SPS Envirowall Ltd



Safety Data Sheet
according to (EC) 1907/2006 - Artclie 31

ISO No. 5014

Version 2

Date prepared: September 2022

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Envirobrick
Identification of the product: Product Name: Brick Render
Product Code: ESPS/BR-TC/****

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

Use: Dry bagged renders for use in various applications within the building industry, typically used as an external finish on masonry substrates.

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Lonsdale Chambers
Lonsdale Street
Stoke on Trent
ST4 4BT
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone No NHS : 111

SECTION 2 Hazards identification

Classification of the substance or mixture

Classification according to Directive (CE) n°1272/2008 (CLP): No data available.

2.2 Label elements

Labelling regulation (EC) 1272/2008 (CLP): H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
P102: Keep out if reach of children
P261: Avoid breathing dust
P264: Wash hands thoroughly after handling
P260: Wear protective gloves/ protective clothing/ eye protection
P302+P352: IF ON SKIN: wash with plenty of soap and water.
P332+P313 : IF SKIN irritation occurs, get medical advice
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing.
P362: Take off contaminated clothing and wash before reuse.
Under normal use this prouct is not expected to be harmful to the environment.

Other hazards No data available.

SECTION 3 Composition/information on ingredients

Hazardous ingredients

Substance Name	CAS No	EC No	Percent	Index Number	CLP Classification	Classification (Other)
Ordinary Portland Cement (OPC)	65997-15-1	266-043-4	<25% w/w	-	H315 Skin irritation 2; H317 Skin Sens; H318 Eye damage 1; H335 Stot Se 3	A blend of limestone, hydrated lime, ordinary Portland cements and binders. With addition of surfactants, polymers and cellulose derivatives
Hydrated Lime	1305-62-0	215-137-3	<10% w/w	-	H315 Skin irritation 2; H318 Eye damage 1; H335 Stot Se 3	

SECTION 4 First aid measures

4.1 Description of first aid measures

Skin contact: For dry powder, remove contamination and rinse with copious water. For wet product, was skin with water. Remove contaminated clothing. Seek medical treatment in all instances of irritation or burn.

Eye contact: Irrigate eyes with isotonic eye wash or clean water (remove contact lens if applicable) for at least 45 minutes. Do not rub eyes as additional mechanical damage to the cornea is possible.. Obtain medical advice.

Ingestion: Do not induce vomiting, if person is conscious wash mouth with water and give copious quantities of water to drink. Seek medical advice immediately.

Inhalation: Move person to fresh air. Seek medical treatment if irritation or discomfort occurs.

4.2 Most important symptoms and effects, both acute and delayed

No information available

Delayed / immediate effects: No information available

SECTION 5 Fire-fighting measures

5.1 Extinguishing media Substance is non-flammable

5.2 Special hazards arising from the substance or mixture

Exposure Hazards Not considered to be an explosion hazard

5.3 Advice for fire-fighters (protection against fire) Use most appropriate measure or media to extinguish surrounding fire. If using water be aware of potential for strong alkali run-off.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Avoid contact with skin and eyes, keep dust levels to a minimum. Ensure adequate ventilation or suitable respiratory protective equipment is used.

6.2 Environmental precautions

Contain the spillage, keep the material dry if possible. Do not wash into water courses or drainage systems as this can cause a rapid pH change harmful to the aquatic environment.

6.3 Methods and material for containment and cleaning up

Clean-up procedures: For dry spills avoid actions that cause dust to become airbourne
For wet spills (mixed material) allow the material to set if it presents no risk to watercourse or drains. Alternatively transfer to container and allow to set.

6.4 Reference to other sections Refer to section 8 of SDS.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Handling requirements: Use protective equipment (see section 8). Avoid generation of dust and keep dust levels to a minimum. Carrying bags can cause personal injury, ensure operation is conducted in accordance with current manual handling legislation.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Store in a dry environment where possible and minimise contact with moisture
Keep out of reach of children
Packed materials should be stored in unopened bags, pallets should remain wrapped and stored in a stable manner in an appropriate storage area.

7.3 Specific end use(s)

No data available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational/workplace exposure limits: WEL 8 Hr TWA (Time Weighted Average)

exposure limits:

Inhalable: 10 mg m-3 - Total inhalable dust

Respirable: 4 mg m-3 - Respirable dust

8.2 Exposure controls

Individual protection controls

Respiratory protection: Use respiratory protection when handling this substance.
A tight fitting mask conforming to EN140:1998 or better is recommended.

Skin protection: Use impermeable gloves, as good practice wash hands after use. Use appropriate closed long sleeved protective clothing, if contact with wet mortar is likely then waterproof clothing should be considered. Suitable footwear should be used.

Eye protection: Tight fitting goggles with side protection or a full face shield are recommended. Access to emergency eye-wash is

SECTION 9 Physical and chemical properties

Appearance: Coloured granular powder blend

Colour: Various

Odour: Slightly earthy odour

Solubility in water: Slightly soluble

Boiling point/range°C: Decomposition at 580°C to CaO and wat

Relative density: 1.2 to 1.8 tonne m-3

pH Value: >12 in aqueous solution

SECTION 10 Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use and storage (see section 7). Will harden to a stable mass following addition of water.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Exposure to aluminium can liberate hydrogen gas

10.6 Hazardous decomposition products

When heated in excess of 580 degrees centigrade calcium oxide may be formed
When heated in excess of 825 degrees centigrade calcium oxide fumes and carbon dioxide are liberated.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation: Acute Effects - Exposure to dry or wet product may cause cracking or lesions in the skin. Prolonged contact can cause severe burns.

Serious eye damage/eye irritation: Direct contact with product may cause corneal damage by mechanical abrasion, inflammation or irritation. Larger amounts of contact may cause effects from moderate eye irritation to chemical burns and irreversible damage.

Respiratory or skin sensitisation: Acute Effects - May irritate the respiratory tract, causing, sneezing and shortness of breath may occur following exposure to levels in excess of occupational exposure limits.

11.2 Additional information

Ingestion: Large quantities may cause irritation to the gastrointestinal tract.

SECTION 12 Ecological information

12.1 Toxicity

The product is not expected to be hazardous to the environment under normal conditions of use. Large amounts of product entering the aquatic environment may be toxic to aquatic life due to the significant rise in pH.

12.2 Persistence and degradability

Inorganic material, after product has hardened it affords no toxic risk.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Not expected to transport to groundwater in case of spill, dust may become airborne.

12.5 Results of PBT and vPvB assessment

No information available.

SECTION 13 Disposal considerations

Waste treatment methods

Dispose of waste material and empty sacks at a site authorised to accept builders waste or according to local and national regulations. Materials that have exceeded the shelf life should not be used and should be disposed of in accordance to local and national regulations.

SECTION 14 Transport information

Transport class: No information available.

SECTION 15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available.

SECTION 16 Other information

Hazard Statements

H315 - Causes skin irritation
H317 - May cause allergic reaction

Precautionary Statements

P102 - Keep out of reach of children
P261 - Avoid breathing dust
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection
P302+P352 - IF ON SKIN: wash with plenty of soap and water
P332+P313 IF SKIN irritation occurs: get medical advice
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing
P362 - Take off contaminated clothing and wash before reuse.

The data sheet is supplementary to other technical instruction and guidance and does not replace them. This information is based on data currently available and is correct to the best of our knowledge at the time of publication. This information is given as guidance in assessing safe handling, storage and use. Recipients of the product must take responsibility for the safe use and disposal of product observing existing laws, regulations and accepted best working practice.

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