

SPS Envirowall Ltd



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

ISO No. 5789

Version 2

Date prepared: May 2022

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

1.1 Product identifier

Trade Name: Granicem L Monocouche Render
Identification of the product: Product Name: Granicem L Colored
Product Code: ESPS/GL-TC/cs/***(Standard colours available)

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

Use: Ready to use mortar (prefabricated) for building

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Unit 27 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation CLP (CE) n°. 1272/2008 & adaptations
H 315 Causes skin irritation - Category (Skin Irrit.2)
H 317 May cause an allergic skin reaction - Category 1 (Skin Sens.1)
H 318 Causes serious eye damage - Category (Eye Dam.1)
H 335 May cause respiratory irritation - Category 3 (STOT SE 3)

2.2 Label elements

Label according to Regulation CLP (CE) n°. 1272/2008

Hazard Pictogram: GHS05 Corrosive material cat. 1
GHS07 Toxicity irritant cat. 2



Signal Word: Danger

Components for label: Cement and/or Chalk

Hazard Statements: H 315 Causes skin irritation.
H 317 May cause an allergic skin reaction.
H 318 Causes serious eye damage.
H 335 May cause respiratory irritation.

Precautionary statements: P 101 If medical advice is needed, have product container or label at hand.
P 102 Keep out of reach of children.
P 280 Wear protective gloves/protective clothing/eye protection/face protection.
P 305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and possible. Continue rinsing.
P 310 Immediately call a POISON CENTER or doctor.
P 333+P313 If skin irritation or rash occurs: get medical advice/attention.

2.3 Other hazards

Information for environment: Not applicable.

PBT assessment: Not applicable.

vPvB assessment: Not applicable.

SECTION 3 Composition/information on ingredients

3.1 Substances: The preparation is based on the substances mentioned below and non-hazardous additives.

3.2 Mixtures:
Substances
• Cements
• Quartz sand and aggregates of various grain size without fine particles
• Possibly additives

Components presenting a (hazard)

Substance Name	CAS No	EINECS:	Concentration	Classification (REGULATION (EC) No 1272/2008)
Cement according to EN 197-1	65997-15-1	266-043-4	10-45%	H 315 Causes skin irritation. H 317 May cause an allergic skin reaction. H 318 Causes serious eye damage. H 335 May cause respiratory irritation.
Chalk according to EN 459-1	CAS: 1305-62-0 (HL) CAS: 85117-09-5 (NHL)	215-137-3 285-561-1	0-35%	H 315 Causes skin irritation. H 317 May cause an allergic skin reaction. H 318 Causes serious eye damage. H 335 May cause respiratory irritation.
Quartz sands/aggregates according to EN 13139 and/or EN 12620 (*)	14808-60-7	238-878-4	40-80%	Not applicable
Limestone filler (*)	471-34-1	207-439-9	0-15%	Not applicable
Additives: Ironoxidepigment	01309-37-1	-	0,5-4%	Not applicable

(*) Substance for which there are exposure limits, according to community exposure limits, for workplace (consult section 8)

SECTION 4 First aid measures

4.1 Description of first aid measures

General Remarks: Remove person of the danger area and get medical attention. Bring with you this material safety data sheet.

Inhalation: Rinse nose & throat with clean water (only if the person is conscious). Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms are severe or persist.

Eye contact: Do not rub in order to avoid further damage to the cornea. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Bring with you this material safety data sheet.

Skin contact: Beware of the product that may remain between skin & clothing, watch, shoes, etc.... In case of allergic reaction, get medical attention. When the contaminated area is extensive and / or if there are skin injuries, it is necessary to get medical attention or transfer to a hospital. If the powder is dry, remove the dust as much as possible and wash with plenty of water. If powder is mixed with water, wash with plenty of water.

Ingestion: If the quantity is low, rinse the mouth with water and get medical attention. In case of a larger quantity, do not give a drink; do not induce vomiting, transfer the person to a hospital and show the bag with label and/or material data sheet of the product.

4.2 Most important symptoms and effects, both acute and delayed

Eyes: An eye contact with cement (dry or wet) may cause serious eye damage potentially irreversible.

Skin: Cement may have an irritating effect on wet skin (through perspiration or ambient humidity) after prolonged contact, or may cause allergic reaction (eczematous dermatitis) after repeated contact. A prolonged skin contact with wet cement or wet mortar/concrete may cause severe burns because they occur without the person experiencing pain (this can occur e.g. by kneeling in the concrete, even through the pants).

Inhalation: Repeated inhalation of cement dust over a long period increases the risk of developing lung diseases.

4.3 Indication of any immediate medical attention and special treatment needed

No important information is available.

SECTION 5 Fire-fighting measures

- 5.1 Extinguishing media** In case of fire, use fire-extinguishing agent suitable in the form of powder (foam or CO2) for the surrounding fire or any other authorized agent. The product is not flammable.
- 5.2 Special hazards arising from the substance or mixture** There is no risk of fire or explosion. No important information is available.
- 5.3 Advice for fire-fighters**
Special protection equipment: Wear a suitable breathing apparatus to enter rooms full of smoke.
Protective actions during firefighting: No specific firefighting precautions are necessary.

SECTION 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
- 6.1.1 For non-rescuers:** Avoid contact with skin and eyes. Avoid breathe in the dust. Wear a suitable dust mask in case of sincere dust formation. Provide proper ventilation.
- 6.1.2 For rescuers:** Avoid contact with skin and eyes. Avoid breathe in the dust. Wear a suitable dust mask in case of sincere dust formation. Provide proper ventilation. Rescuers will be equipped with appropriate personal protection (refer to section 8)
- 6.2 Environmental precautions** Place waste containers for residual waste according to the local regulation. If the product contaminates waterways, rivers or sewers, alert the relevant authorities according to the prescribed procedures. Avoid pouring large quantities of powder into sewers and surface water.
- 6.3 Methods and material for containment and cleaning up** Use mechanical clean up methods that do not cause airborne dispersion and deposit it into an appropriate container. After setting, the product can be disposed of as building waste.
- 6.4 Reference to other sections** Consult section 7 for information about safety use. Consult section 8 for information about personal protection equipment. Consult section 13 for information about waste disposal.

SECTION 7 Handling and storage

- 7.1 Precautions for safe handling**
Fire Prevention: There is not specific measure.
Recommended equipment & procedures: Avoid imperatively skin and eye contact with the product. Wash hands after each use. Remove and wash contaminated clothing before re-use. Handle preferably in sufficiently ventilated rooms or outdoor. Avoid dust formation during use. If it cannot be avoided, wear a dust mask.
Forbidden equipment & procedures: It is forbidden to smoke, eat and drink in the rooms where the mixture is used.
- 7.2 Conditions for safe storage, including any incompatibilities**
Storage: Keep away from water or humidity. Keep only original closed packaging into a dry place. Avoid dust dispersion. Keep away from children.
- 7.3 Specific end use(s)**
Packaging: Keep only original closed packaging. No other important information available.

SECTION 8 Exposure controls/personal protection

- Additional indications for the layout of technical installations** The product does not contain significant quantities of substances for the threshold values to be monitored on the workplace.
- 8.1 Control parameters**

Components with limit values to be monitored at the workplace.

CAS No	Designation of the substance	Exposure limit values
CAS: 65997-15-1 EINECS: 266-043-4	Cement according to EN 197-1	MAC (NL) 10 mg/m ³ VLEP/GW(B) 10 mg/m ³ VME(FR) 10 mg/m ³ - total dust VME(FR) 5 mg/m ³ - alveolar dust DNEL(FR)-professional inhalation [mg/m ³] : (alveolar) 3 TWA(UK) 10 mg/m ³
CAS: 1305-62-0 (HL) EINECS: 215-137-3 CAS: 85117-09-5 (NHL) EINECS: 285-561-1	Chalk according to EN 459-1	MAC (NL) 5 mg/m ³ GW(B) 5 mg/m ³ VME(FR) 5 mg/m ³ TWA(UK) 5 mg/m ³
CAS: 14808-60-7 EINECS: 238-878-4	Quartz sands/aggregates according to EN 13139 and/or EN 12620	MAC (NL) 0,075 mg/m ³ GW(B) 0,075 mg/m ³ VME(FR) 0,075 mg/m ³ TWA(UK) 0,075 mg/m ³ These limits apply only to respirable dust
CAS: 471-34-1 EINECS: 207-439-9	Limestone filler	MAC (NL) 10 mg/m ³ GW(B) 10 mg/m ³ VME(FR) 10 mg/m ³ TWA(UK) 10 mg/m ³
CAS: 01309-37-1 EINICS: /	Additives : Ironoxidepigment	MAC (NL) 10 mg/m ³ GW(B) 10 mg/m ³ VME(FR) 10 mg/m ³ TWA(UK) 10 mg/m ³

8.2 Exposure controls

- General safety & hygiene measures:** The usual precautions for the chemical handling must be followed. Remove contaminated clothing immediately. Wash hands before breaks & after handling the product. Avoid eye contact. If necessary, use a moisturizing cream after using the product.

Technical measures: Ensure that ventilation is appropriate or that there is an exhaust system at the workplace.

Individual protective equipment measures
Safety Pictogram:



Eyes/face protection: Before any handling of powders or dust emission, it is necessary to wear safety glasses or a hermetic protective mask according to EN 166.

Hands protection: Wear suitable protection gloves, alkali-resistant and chemical agents resistant according to EN 374. The selection of gloves should be made according to the application & the duration of use at the workplace.

Other skin and body protection: Avoid skin contact. After contact with the product, all contaminated body parts should be washed. Wear suitable protection clothing.

Respiratory protection: In case of good ventilation, a respiratory protection is not necessary. In case of brief or low exposure to dust, use a P2 respiratory protection mask. Wearing a respiratory protection device is recommended in case of prolonged or repetitive exposure. The type of respiratory protection must be adapted to the level of dust concentration encountered and in accordance with applicable European norms (e.g. EN 149) or national standards.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Powder
Colour: Varies according to the product description
Odour: Undetermined
Odour Threshold: Undetermined

Information on physical & chemical properties

pH value: PH > 12
Melting point: Not applicable
Boiling point: Not applicable
Flash point: Not applicable
Inflammability (solid, gas): The product is not flammable
Disaggregation temperature: Not applicable
Self-ignition: The product is not self-ignitable
Explosion hazard: The product does not present an explosion risk.
Explosive limits: Not applicable
Vapour pressure by 20 °C: Not applicable
Bulk density: 1.4 - 2 gr/cm³
Relative density: Not determined
Vapour density: Not applicable
Evaporation rate: Not applicable
Solubility in / mix-ability with water: Insoluble in water
Partition coefficient (n-octanol/water): Not applicable
Viscosity: **Dynamic to 20 °C:** not applicable
Kinematic: not applicable
Oxidizing properties: not applicable

9.2 Other information

There is no major information available.

SECTION 10 Stability and reactivity

10.1 Reactivity There are no dangerous reactions under normal conditions of use.
10.2 Chemical stability There are no dangerous reactions under normal conditions of use.
10.3 Thermic decomposition/conditions to avoid There are no dangerous reactions under normal conditions of use.

10.4 Possibility of hazardous reactions Reactions with acids. Reactions with common metals in presence of moisture (water) to form hydrogen.
10.5 Conditions to avoid Minimize exposure to air and moisture to avoid loss of product quality.
10.6 Incompatible materials After contact with water, the product hardens.
10.7 Hazardous decomposition products There is no dangerous decomposition product known.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

11.1.1 Substances

Acute toxicity: Cement CAS 65997-15-1
 Primary irritant effect by dermal route: LD50 = 2000 mg/KG Species: Rabbit

Skin contact: Skin irritation possible.
Inhalation: The product may cause an irritation of the respiratory tract.
Eye contact: Strong irritant effect with risk of serious eye damage.
Ingestion: Ingestion may cause severe irritation of the mouth, esophagus, gastrointestinal tract and vomiting.

Delayed effects

Sensibility: Not sensitizing

11.1.2 Mixtures This mixture has not been tested. Consult section 11.1.1

SECTION 12 Ecological information

12.1 Toxicity Aquatic toxicity: however, adding large quantities of cement to the water can cause a rise in pH, and can therefore be toxic to aquatic life under certain conditions.
12.2 Persistence and degradability There is no major information available. The hard product is permanently fixed and insoluble.
12.3 Bioaccumulative potential There is no major information available.
12.4 Mobility in soil There is no major information available.
12.5 Results of PBT and vPvB assessment **PBT:** not applicable.
vPvB: not applicable
12.6 Other adverse effects There is no major information available.

SECTION 13 Disposal considerations

Waste treatment methods After setting, the product can be disposed as other construction residues.
 Dispose of uncleaned packaging according to local applicable regulations or government regulations.
 Empty the packaging completely.

Unused waste residue / products Dispose of uncleaned packaging according to local applicable regulations or government regulations. Do not pour into drains or waterways.

SECTION 14 Transport information

14.1 UN number (ADR, ADN, IMDG, IATA) Not relevant
14.2 UN proper shipping name (ADR, ADN, IMDG, IATA) Not relevant
14.3 Transport hazard class(es) (ADR, ADN, IMDG, IATA) Not relevant
14.4 Packaging group (ADR, ADN, IMDG, IATA) Not relevant
14.5 Environmental hazards Not applicable
14.6 Special precautions for user Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

SECTION 15 Regulatory information

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

Others: No data available.

15.2 Chemical safety assessment

No data available

As the users working conditions are not known to us, the information given in this material safety data sheet is based on the state of our knowledge and on both National and Community regulations. The product must not be used for other purposes than those specified in section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary measures to meet the requirements of local laws and regulations. The information mentioned in this sheet should be considered as a description of the safety requirements for our product and not as a guarantee of property of it.

Method used to determine the hazard classification: by calculation

Detail of hazard statement « H » mentioned in section 2

H 315 Causes skin irritation.
 H 317 May cause an allergic skin reaction.
 H 319 Causes serious eye damage.
 H 335 May cause respiratory irritation.

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