

SPS Envirowall Ltd



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

ISO No. 5008

Version 2

Date prepared: February 2022

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

1.1 Product identifier

Trade Name: CS1 & CS2 Fillets & Sheathing Board - Calcium Silicate
Identification of the product: Product Name: CS1 & CS2 Fillets & Sheathing Board
Type of product: Calcium Silicate

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

Use: Sheathing Board

1.3 Details of the supplier of the safety data sheet

Supplier: SPS Envirowall Ltd
 Lonsdale Chambers
 Lonsdale Street
 Stoke on Trent
 ST4 6ER
 United Kingdom
 Email: info@spsenvirowall.co.uk
 Telephone: 08451300983

1.4 Emergency telephone No NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45: No information available

Hazard class and category code regulation EC1272/2008 (CLP): No information available

2.2 Label elements

Labelling regulation (EC) 67/548 or EC 1999/45: No information available

Labelling regulation (EC) 1272/2008 (CLP): No information available

2.3 Other hazards

Generation of significant quantities of airborne dust is unlikely during normal handling. The handling and machining of this product may lead to the release of quartz containing dust. The inhalation of dust containing quartz, in particular the fine (respirable) dust fraction, in high concentrations over a prolonged period of time may lead to lung disease (silicosis) and an increased risk of lung cancer.

SECTION 3 Composition/information on ingredients

Components: This article is classified as not hazardous. This product is a manufactured article, not a substance nor a preparation

Substance Name	CAS No	EC No	Contents by Weight %
Portland Cements	65997-15-1		35%
Lime	1305-78-8		20%
Quartz	14808-60-7		35%
Cellulose	9004-34-6		9%

SECTION 4 First aid measures

4.1 Description of first aid measures

Inhalation: Remove to fresh air and drink water.
Skin contact: Wash thoroughly with soap and water.
Eye contact: Do not rub the eye. Rinse immediately with plenty of water. If eye irritation persists: seek medical advice/attention.
Ingestion: Ingestion is unlikely due to product form. Do not induce vomiting. Rinse mouth. Drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

May cause irritation to the respiratory tract and to other mucous membranes. May cause temporary irritation/skin rash. Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / Special Treatment: Seek medical attention if the symptom persists.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Use extinguishing media appropriate as for surrounding materials.

5.2 Special hazards arising from the substance or mixture

The product is non-combustible

5.3 Advice for fire-fighters

Flammable class: The product is non-combustible
Protection against fire: The product is non-combustible

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Minimize generation of dust. Avoid breathing dusts. Avoid eye and skin contact. Dampen down any dust or use vacuum cleaner with correct filter.

6.2 Environmental precautions: Dispose in accordance with local authority regulations. Prevent spread of dust. Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning up

Methods and material for containment: Wear protective equipment to prevent eye and skin contamination and the inhalation of dusts. Working in a well ventilated area is highly recommended

Clean up procedures: Wet the dust if possible, sweep up the solid. Dry sweeping is not recommended. Shovel up small pieces. Dampen down any dust before putting into appropriate skips.

6.4 Reference to other sections For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Personal Protection: Minimize the dust generation at the work place. When there is cutting, sawing, sanding or grinding during the installation and handling of this product, it should be carried out in a well-ventilated area (e.g. outdoor, open-area). Work area should be cleaned regularly by wet sweeping or vacuuming.

Technical protective measures: Work in a well ventilated area. Use tools with appropriate dust exhaust equipment.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in dry, covered and frost proof area. The products must be laid flat under cover on a smooth surface clear of the ground to avoid exposure to water or moisture.

7.3 Specific end use(s) Used as internal partition, ceiling, sheathing for exterior wall cladding in building.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational/workplace exposure limits: Please refer to the Occupational Exposure Limits or Workplace Exposure Limits allowed in respective country. Ensure all national/local regulations are observed.

Control parameters for airborne: Practices likely to generate dust should be carried out in adequately ventilated areas or in process enclosures with exhaust ventilation.

Inhalable: Refer to local restrictions

Respirable: Refer to local restrictions

8.2 Occupational exposure controls

8.2.1 General protection controls

Industrial hygiene: Please refer to regulation in the respective country

8.2.2 Individual protection controls

Respiratory protection: Avoid breathing dusts. Use appropriate respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits

Skin protection: Avoid contact with skin. Use working clothes and gloves to protect against mechanical injury and direct skin contact.

Eye protection: Avoid contact with eyes. Use safety glasses whenever tools are used and dusts are produced.

Ingestion: During dry cutting, drilling, routing, and sanding with power or abrasive tool, or if dust is generated, use an approved particulate dust mask to prevent ingestion.

SECTION 9 Physical and chemical properties

Appearance: Board (solid)

Colour: Off-white/grey or Yellow

Odour: None

Melting point/freezing point: 1200-1500°C

Flammability: Non flammable

Relative Density: 1000-1350 kg/m³

Solubility in water: Insoluble in water

9.2 Other information

No asbestos, brucite, meerscham or formaldehyde in the raw materials and the formulas.

SECTION 10 Stability and reactivity

10.1 Reactivity

This product is stable under ordinary condition. It will generate dust during processing, handling and installation.

10.2 Chemical stability

Stable under normal conditions of storage, handling and use.

10.3 Possibility of hazardous reactions

No dangerous reactions under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions.

10.5 Incompatible materials

Strong acid and strong alkali.

10.6 Hazardous decomposition products

Normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Calcium silicate board is non-toxic in its intact form.

Additional Information

On product: The inhalation of quartz containing dust, in particular the fine dust fraction (respirable size), in high concentrations or over repeated or prolonged periods of time can be hazardous to health and may lead to chronic lung disease and an increased risk of lung cancer. This risk will be minimal if correct working practices are observed and applied. (Refer to Section 8).

SECTION 12 Ecological information

12.1 Toxicity	No information available
12.2 Persistence and degradability	No information available
12.3 Bioaccumulative potential	No information available
12.4 Mobility in soil	No information available
12.5 Results of PBT and vPvB assessments	No information available
12.6 Other adverse effects	No information available

SECTION 13 Disposal considerations

13.1 Waste treatment methods	Handle as construction waste
13.2 General	

Product: Dispose in a safe manner in accordance with local/national regulations.
Contaminated packaging: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

14.1 UN number	No information available
14.2 UN proper shipping name	No information available
14.3 Transport hazard class(es)	No information available
14.4 Packaging group	No information available
14.5 Environmental hazards	No information available
14.6 Special precautions for user	No information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No information available

SECTION 15 Regulatory information

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

15.1.1 EU-Regulations	Contains no substance on the REACH candidate list
15.1.2 National regulations	No additional information available
15.2 Chemical safety	No chemical safety assessment has been carried out.

SECTION 16 Other information

Operators must wear an approved particulate dust mask during cutting, grinding, sanding, drilling, routing or abrading of this calcium silicate product. When cutting the board please use a good dust collecting machine.

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