

SAFETY DATA SHEET

RendaClad Board, 6mm, 9mm, 12mm

Compilation Date: 30/11/2016

Revision No: 1

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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product Name: RendaClad Board. 6mm, 9mm, 12mm
Product Code: ESPS-RC06,RC09,RC12

1.2. Relevant identified uses of the substance or Mixture and uses advised against

RendaClad is a carrier board suitable to receive Silicone/Acrylic and Granomin render applications using SPS Envirowall Enviorend basecoat ESPS/EXG-BC. It is mechanically fixed to either timber battens or a RendaClad metal perforated top hat rail section Ref.ESPS-RCTH25. RendaClad is used primarily as an external sheathing board. Used extensively on both metal and timber frame structures.

1.3. Details of the supplier of the safety data sheet

Company Name: SPS Envirowall Ltd
 Orchard House
 Aire Valley Business Centre
 Keighley
 West Yorkshire
 BD21 3DU
 United Kingdom
Tel: 01535 661633
Fax: 01535 661933
Email: info@spsenvirowall.co.uk

1.4. Emergency Telephone Number

National Poisons Emergency Number / NHS: 111

Section 2: Hazards identification

The fibre cement products in their intact state do not present a hazard. However, one should be aware of the ill-effect and danger from prolonged exposure to the air-borne dust generated through cutting, drilling, routing, sawing and crushing of the fibre cement products if the correct respiratory protective equipment is not worn.

Acute Effects

Skin condition: The dust from this product may cause irritation of the skin from friction but is not absorbed through the skin.

Eye contact: The dust from this product may irritate the eyes causing watering and redness.

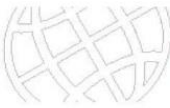
Ingestion: Unlikely under normal conditions of use, but ingestion of the dust from this product may result in abdominal discomfort.

Inhaled: The dust from this product may cause irritation of nose, throat and lungs causing coughing and sneezing.

Chronic Effects

Inhaled: Prolonged and continuous exposure (without the correct respiratory protective equipment, over a number of years) to significant, airborne, respirable dust levels containing crystalline silica may cause bronchitis, silicosis and lung cancer.

Note: All the fibre cement products consist of cellulose fibre from wood pulp only and do not contain asbestos.



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Section 3: Composition/information on ingredients

3.2. Mixtures

Ingredient	CAS Number	Composition	R-Phrase
Ordinary Portland Cement	65997-15-1	20-40%	R36 R37 R38
Crystalline Silica (Quartz)	14808-60-7	20-50%	-
Cellulose	9004-34-6	<10%	-
Other non-hazardous ingredients such as pigment, fillers and surface coatings.	-	<10%	-

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash thoroughly with mild soap and water. **Eye contact:** Flush with running water.
Ingestion: Not expected under normal condition of use. Drink plenty of water.
Inhaled: Remove to fresh air. Note: Seek medical attention if symptom persisted.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: carbon dioxide, water, foam or dry chemical

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Note: The fibre cement products will not burn or help in burning, thus no specific firefighting measures are required. In case of fire, extinguish with carbon dioxide, water, foam or dry chemical as for surrounding materials.

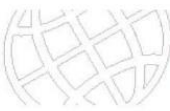
Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: N/A

6.2. Environmental precautions

Environmental precautions: N/A



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6.3. Methods and material for containment and cleaning up

Clean-up procedures: N/A

6.4. Reference to other sections

Reference to other sections:

Section 7: Handling and storage
7.1. Precautions for safe handling
Handling requirements: No special requirements. Keep away from food and drink. When handling the materials do not eat, drink or smoke

7.2. Conditions for safe storage, including any incompatibilities

Store dry and in a cool place (not above 35°C). Keep out of reach of children. Take care for sufficient ventilation.

7.3. Specific end use(s)
Specific end use(s): No data available.

Section 8: Exposure controls/personal protection
8.1. Control parameters

Exposure Standards – Occupational Safety and Health Act 1994 – Occupational Safety and Health (Use and Standards of Exposure of Chemical Hazardous to Health) Regulations 2000, Malaysia.

 Crystalline Silica (Quartz) 0.1mg/m³ time-weighted average (TWA) as respirable dust Calcium Silicate (Synthetic) 010mg/m³ time-weighted average (TWA) as respirable dust Cellulose (Wood fibre) 10mg/m³ time-weighted average (TWA) as respirable dust

Note: Where a state or local authority prescribes a lower standard, the lower standard applies.

8.2. Exposure controls
General Controls: Avoid generating dust or keep exposure to dust as low as practicable. Work areas should be cleaned regularly by wet sweeping or vacuuming.

Engineering Controls: Practices likely to generate dust should be carried out in adequately ventilated areas or in process enclosures with exhaust ventilation.

Personal Protection:
Eye protection: Safety goggles/glasses should be worn.

Skin Protection: Direct contact with dust and debris should be avoided by wearing long sleeved shirts or gloves.

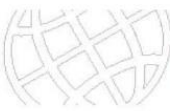
Inhalation protection: During dry cutting, drilling, routing, and sanding with power or abrasive tool, or if dust is generated, used an approved particulate dust mask.

Section 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

No Data Available

9.2. Other information
Other information: No data available.

Section 10: Stability and reactivity
10.1. Reactivity



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Note: Fibre cement products are generally dimensionally stable and non-reactive, resistant to rot and water damage in their normal scope of application

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

Section 11: Toxicological information

11.1. Information on toxicological effects

Not applicable

Section 12: Ecological information

Note: Not applicable

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bio accumulative potential

No data available

12.4. Mobility in soil

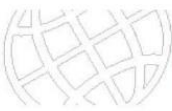
No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available



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Section 13: Disposal considerations

13.1. Waste treatment methods

Note: Waste may be disposed by landfill; however disposal should comply with the local authority requirements.

Section 14: Transport information

14.1. UN number

UN number: N/A

14.2. UN proper shipping name

No data available

14.3. Transport hazard class (es)

No data available

14.4. Packing group

No data available

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

Section 16: Other information

The fibre cement products contain crystalline silica which is classified as hazardous substance according to the criteria of Malaysia Occupational safety and Health Act

1994 – Occupational Safety and Health (Use and Standards of Exposure of Chemical Hazardous to Health) Regulations 2000. Breathing in fine silica dust when working with products is hazardous and may cause bronchitis, silicosis or cancer.

MINIMISE DUST GENERATION AND DO NOT BREATHE DUST!

Operators must wear approved particulate dust mask when power tools used.

Disclaimer

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The information contained herein is given in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.