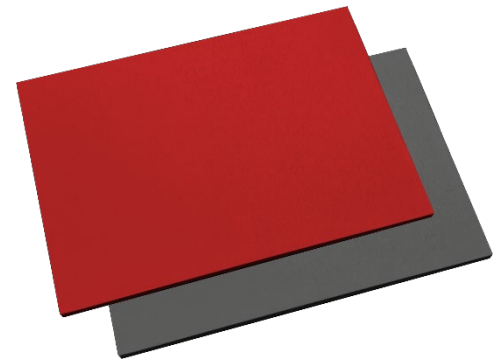


SAFETY DATA SHEET CLADCOLOUR "MP" FAÇADE PANEL

This data sheet provides information on material safety data of this product.



Section 1 – Identification of the article and of the company undertaking

Material Composition	Fibre Reinforced Cement Panel, consisting of Portland cement, quartz, cellulose fibre and other non-hazardous ingredients.
Properties	A durable factory finished façade panel proving good UV resistance and weathering properties.
Environment	For use in normal environmental areas. Use in coastal areas does not affect panel performance.
Decorative Coating	A waterborne high adhesion coating which provides a flexible and tough surface with excellent UV resistance & durability. Available in the full range of RAL & NCS Colours.
Details of the Supplier of the Safety Data Sheet	RCM Ltd Unit 25-26 Rosevale Road Parkhouse Industrial Estate West Newcastle Under Lyme Staffordshire ST5 7EF Email: info@rcmltd.biz
Emergency Telephone No.	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.

Hazard Classification (GHS)

Hazard Class & Hazard	Hazard Code	Hazard Statement
Carcinogenicity, Cat 1A	H350	*May cause cancer through inhalation of dust
Specific Target Organ Toxicity, Cat 1	H372	*Causes damage to lungs and respiratory system through prolonged or repeated exposure by inhalation of dusts.

*This classification applies to any respirable crystalline silica dust potentially released from fibre cement products during installation and handling, which involved cutting, drilling or grinding. The intact fibre cement products are not expected to result in any adverse toxic effects.

Acute Effects

Skin Contact	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 (over a number of years) to significant, airborne, respirable dust levels containing crystalline silica may cause bronchitis, silicosis and lung cancer.
	Based on limited animal research, it is possible that repeated inhalation of cellulose fibre dust over time may lead to inflammation and scarring of the lung in humans.

Section 3 - Composition

Substance Name	CAS No	Contents By Weight %	Index Number(REGULATION (EC) No 1272/2008)	Classification(REGULATION (EC) No 1272/2008)	Classification (Other)
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

Inhalation	Remove to fresh air.
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.

4.2 Most important symptoms and effects, both acute and delayed

Seek medical attention if symptoms persist

4.3 Most important symptoms and effects, both acute and delayed

No data available

Section 5 – Fire-fighting Measures

5.1 Extinguishing Media

Suitable extinguishing Media

In case of fire, extinguish with carbon dioxide, water, foam or dry chemical as for surrounding materials.

5.2 Special Hazards Arising From the substance or mixture

No data available

5.3 Advice For Fire-fighters

Flammable Class

The fibre cement products will not burn or help in burning, this no specific firefighting measures are required.

Protection against Fire

No data available

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures - NA

6.2 Environmental precautions - NA

6.3 Methods and material for containment and cleaning up - NA

6.4 Reference to other sections – NA

Section 7 – Handling & Storage

7.1 Precautions for Safe Handling

Personal Protection	There are no specific requirements for handling and storage
Technical Protective Measures	There are no specific requirements for handling and storage

7.2 Conditions for safe storage, including any incompatibilities

Storage	There are no specific requirements for handling and storage
7.3 Specific end use(s)	No data available
Section 8 – Exposure Controls/Personal Protection	
8.1 Control Parameters	
Occupational/ workplace exposure limits	Crystalline Silica (Quartz) 0.1mg/m ³ time-weighted average (TWA) as respirable dust Calcium Silicate (Synthetic) 10mg/m ³ time-weighted average (TWA) as inspirable dust Cellulose (Wood fibre) 10mg/m ³ time-weighted average (TWA) as inspirable dust
Control Parameters for Airborn	Avoid generating dust or keep exposure to dust as low as practicable. Work areas should be cleaned regularly by wet sweeping or vacuuming.
Inhalable	No data available
Respirable	No data available
8.2 Occupational Exposure Controls	
8.2.1 General Protection Controls	
Industrial Hygiene	Practices likely to generate dust should be carried out in adequately ventilated areas or in process enclosures with exhaust ventilation
8.2.2 Individual Protection Controls	
Respiratory protection	During dry cutting, drilling, routing, and sanding with power or abrasive tool, or if dust is generated, used an approved particulate dust mask.
Skin protection	Direct contact with dust and debris should be avoided by wearing long sleeved shirts or gloves.
Eye Protection	Safety goggles/glasses should be worn
Ingestion	No data available
Section 9 – Physical and Chemical Properties	
Appearance	Solid boards coated with various colours
Colour	Varies depending on project, range of colours available
Flammability	Non flammable
Relative Density	1380 kg/m ³
Solubility in water	Not Soluble in water

Section 10 – Stability and Reactivity	
10.1 Reactivity	Fibre cement products are generally dimensionally stable and non-reactive, resistant to rot and water damage in their normal scope of applications.
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 Materials to Avoid	No data available
10.6 Hazardous decomposition products	No data available
Section 11 – Toxicological Information	
11.1 Information on toxicological effects	
Acute Toxicity	Not applicable
Skin Corrosion/irritation	Not applicable
Serious eye damage/eye irritation	Not applicable
Respiratory or skin sensitisation	Not applicable
Germ cell mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive Toxicity	Not applicable
Specific target organ toxicity – single exposure	Not applicable
Specific target organ toxicity – repeated exposure	Not applicable
Aspiration hazard	Not applicable
11.2 Additional Information	
On Product	Not applicable
Section 12 – Ecological Information	
12.1 Toxicity	Not applicable
12.2 Persistence and degradability	Not applicable
12.3 Bio accumulative potential	Not applicable
12.4 Mobility in soil	Not applicable
12.5 Results of PBT and vPvB assessment	Not applicable
12.6 Other adverse effects	Not applicable
Section 13 – Disposal Considerations	
13.1 Waste Treatment Methods	Waste may be disposed of by landfill; however disposal should comply with the local authority requirements.
13.2 General	No data available

Section 14 – Transport information	
14.1 UN Number	Not applicable
14.2 UN Proper shipping name	Not applicable
14.3 Transport hazard Class(es)	Not applicable
14.4 Packaging Group	Not applicable
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	Not applicable
Section 15 – Regulatory information	
15.1 Safety, Health and Environmental regulations/legislation specific for the substance or mixture	
15.1.1 EU-Regulations	Not applicable
15.1.2 National Regulations	Not applicable
15.2 Chemical Safety Assessment - Not applicable	
Section 16 – Other information	
<p>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. The fibre cement products do not contain Polybrominated biphenyls (PBBS), polybrominated diphenyl ethers (PBDEs) and short-chain chlorinated paraffins (C=10~13, SCCP). MINIMISE DUST GENERATION AND DO NOT BREATHE DUST! Operators must wear an approved particulate dust mask when power tools used.</p>	
Disclaimer of Liability	
<p>The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p> <p>RCM Ltd nor any other subsidiary of the Benx Group will be held accountable for any damage resulting from handling or from contact with the above product. This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.</p>	