

SAFETY DATA SHEET



Trade name: **SYSTEMFLOOR™**

Issued: 10/8/2015

1. Identification of the product and of the company

Product name: SYSTEMFLOOR™
Intended Product use: CEMENT Bound Matrix board used for general building applications
Company
Company : ETERNIT
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2. Hazard Identification

Indication of the hazards: The installed product in its final application: no hazards known. Not classified as hazardous or dangerous according to 67/548/EEC or 1999/45/EC.

By machining (drilling, cutting, sanding, etc.) the product: airborne dust can be released.

- As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the airways.

- Eye contact with dust may lead to transient eye irritation or inflammation.

- Prolonged skin contact may lead to skin irritation.

- Long term hazards: see section 11

- The handling and machining of this product may lead to the release of quartz containing dust. The inhalation of quartz from occupational / workplace sources may lead to chronic lung disease (silicosis) and an increased risk of cancer. According to the International Agency for Research on Cancer (IARC Monographs 1997)

“Crystalline silica inhaled in the form of quartz or cristobalite from occupational / workplace sources are carcinogen to humans (Group 1).”

Specific risk information for humans and environment: See Section 7 and 8

3. Composition / Information on ingredients

Description: Cement Bound Matrix board in large dimensions.

Chemical characterisation: This product is a manufactured article, not a substance nor a preparation.
It is manufactured from Sorel type cement, wood particles, glass fiber mesh, perlite and water.



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4. First aid measures

Inhalation:	Remove to fresh air
Ingestion:	Drink plenty of water
Skin contact:	Rinse the skin thoroughly with water
Eye contact:	Do not rub the eye, flush copiously for at least 15 minutes. If eye irritation or inflammation persists, seek medical advice.

5. Fire fighting measures

Additional Information: n/a

6. Accidental spill / release measures

Methods for cleaning up: Shovel up small pieces. Dampen down any dust before putting into appropriate skips.

7. Handling and storage

Handling:	Instructions for handling and machining -Dust, generated during machining and processing must be exhausted and the regulatory occupational exposure limits for total and respirable dust must be respected. -Work in a well ventilated area. -Use tools with appropriate dust exhaust equipment. -When total dust concentration is higher than occupational exposure limits (refer to local regulations), or when dust extraction is not available, use individual respiratory protective equipment. -Collect dust with a vacuum cleaner or soak with water before sweeping up.
Storage:	Store in dry, covered and frost proof area.

8. Exposure controls / Personal protection

EXPOSURE LIMIT VALUES

When machining (drilling, cutting, sanding, etc.) boards, respect Occupational Exposure Limits for inhalable and respirable dust and for respirable quartz dust. Check the latest Occupational Exposure Limits (OEL) for airborne contaminants that are applicable in your country.



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EXPOSURE CONTROLS

Occupational exposure controls: Ensure vacuum dust exhaust with correct filter when using motorised machining tools.

Individual protection controls: Avoid breathing dusts
Avoid eye and skin contact

- **Respiratory protection:** Wear personal protective equipment appropriate to the task:
Use appropriate individual respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits (e.g. for exposures up to 10 times the OEL use at least a P2 type duct mask. For higher exposure, use a P3 type mask).

- **Eye protection:** Use safety glasses whenever tools are used and dusts are produced.

- **Skin/hand protection:** Use working clothes and gloves to protect against mechanical injury and direct skin contact.

9. Physical and chemical properties

Appearance: Board
Colour: white to greyish white
Odour: None

Important safety parameters:

Relative density: ca. 1000kg/m³
Solubility:
- water solubility: insoluble
- pH value: ca. 7-9 (in aqueous solution)
- Information on other properties: not applicable

10. Stability and reactivity Nothing to report

11. Toxicological information

Acute toxicity: These Cement Bound Matrix boards are not expected to have significant acute toxicity. Apart from mild skin, throat, airway or eye irritation, workers producing these boards have reported no significant health complaints.

- As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the airways.
- Eye contact with dust may lead to transient eye irritation or inflammation.
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Further information: Inhalation of excessive concentrations of quartz containing dust can be hazardous to health. The inhalation of quartz containing dust in high concentrations or over repeated or prolonged periods of time 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).

12. Ecological information Nothing to report.

13. Disposal considerations

Product disposal: Handle as construction industry waste and dispose in accordance with local legislation.
Packaging disposal: Dispose according to local legislation.

14. Transport information

Road transport: Product is not classified as dangerous.
Inland shipping transport: Product is not classified as dangerous.
Sea shipping transport: Product is not classified as dangerous.
Air transport: Product is not classified as dangerous.

15. Regulatory information

Labelling according to EEC – Directives:
The Product is a manufactured article, not a substance nor a preparation. Therefore the EU Directive on classification and labelling 67/548EEC is not applicable.

Danger indication: not applicable Symbol: not applicable
R – sentence: not applicable
S – sentence: not applicable

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16. Other information

The recommendations for use and installation of the products have to be followed as indicated in the Technical Manual, or in specifications.

The health and safety information contained herein is believed to be accurate and correct based on our current knowledge at the date of issue and no liability can be accepted for any loss, injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use under normal conditions, but does not necessarily refer to the particular requirements of a customer when further advice should be obtained.

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.