

Trade name: CEDRAL

Issued: 08-06-2017

1. Identification of the product and of the company.

Product name: CEDRAL
Intended product use: Fibre-cement façade strips, used for façade cladding.

Supplier: Company: Eternit Baltic
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2. Hazards identification.

Indication of the hazards:

The installed product in its final application : no hazards known.

By machining (drilling, cutting, sanding, etc.) the product:

- Eye-contact with dust may lead to transient eye irritation or inflammation
- Prolonged skin contact could lead to irritation for sensitive persons
- As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the bronchial tubes.
- The handling and machining of this product may lead to the release of quartz containing dust. Inhalation of dust containing quartz, in particular the fine (respirable size) dust fraction, in high concentrations or over prolonged periods of time can lead to lung disease (silicosis) and an increased risk of lung cancer.

Specific risk information for humans and environment:

See section 7 and 8.

3. Composition / Information on ingredients.

Description: Fibre-cement façade planks

Chemical characterisations:

This product is a manufactured article, not a substance nor a preparation. It is manufactured with cement, quartz sand, cellulose, natural calcium silicate, water and additives.

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4. First aid measures.

Inhalation: /
Skin contact: /
Eye contact: do not rub the eye, rinse out with water

5. Fire fighting measures.

The product is a non combustible board, according to EN 13501 part 1

6. Accidental spill / release measures.

Not applicable

7. Handling and storage.

Handling:

During machining:

- dust particles, generated during machining and processing must be exhausted and the regulatory occupational exposure limits for total and respirable dust must be respected.
- work in well ventilated area
- use tools with dust exhaust system
- wear respiratory protective equipment
- when dust concentration is higher than occupational exposure limit, respiratory protective equipment is obligatory
- collect dust with a vacuum cleaner; hose down or wet sweep work areas

Storage:

Pallets should be stored on a flat surface, in a dry, covered, frost proof and well ventilated area.
During transport, the products should be covered.

8. Exposure controls / Personal protection.

- Check the latest Occupational Exposure Limits (OEL) for airborne contaminants that are applicable in your country.
- Engineering controls: Ensure vacuum dust exhaust with correct filter when using motorised machining tools.
- Personal protection: Avoid breathing dusts, avoid eye and skin contact, wear personal protective equipment appropriate for the task.
- Respiratory protection: Use approved respirators whenever occupational exposure levels are or can be foreseen to be exceeded.
- Eye protection: Use safety goggles whenever tools are used and dust is produced
- Skin protection: Use working clothes and gloves to protect against mechanical injury and direct skin contact

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9. Physical and chemical properties.

Appearance: different colours available

Form: rigid sheet

Odour: none

Important safety parameters:

Boiling point:	not applicable
Melting point:	not applicable
Flash point:	not applicable
Flammability:	not applicable
Self-ignition:	not applicable
Explosive properties:	not applicable
Oxidizing properties:	not applicable
Vapour pressure:	not applicable
Relative density:	1,300 kg/dm ³
Solubility:	
Water solubility:	insoluble
Fat solubility:	not applicable
pH value:	10 – 12
Partition coefficient:	not applicable
Viscosity:	not applicable

10. Stability and reactivity.

Stability : stable

Incompatibility (materials to avoid) : strong acids

11. Toxicological information.

Acute toxicity:

No acute toxicity other than transient irritation of exposed mucosae (eyes, throat, bronchial tubes).

Further information:

- Prolonged skin contact can lead to moderate skin irritation
- Hazards are related to the inhalation of dust produced during machining. This risk will be minimal if correct working practices are observed and applied.
- Short-term inhalation of dust can cause transient respiratory irritation.
- As with most types of inorganic and organic dust and non-specific to this product, the inhalation of excessive concentrations of dust over prolonged periods of time can lead to chronic inflammation of the bronchial tubes (industrial bronchitis)
- Inhalation of dust containing quartz, in particular the fine (respirable size) dust fraction, in high concentrations or over prolonged periods of time can lead to lung disease (silicosis) and an increased risk of lung cancer. This risk will be minimal if correct working practices are observed and applied. (Refer to Section 8)
- Some studies have found an association with or increased risk of renal disease, rheumatoid arthritis and systemic sclerosis.

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12. Ecological information.

Nothing to report.

13. Disposal considerations.

- The product has to be handled as building waste in accordance with local legislation
 - The collected dust : to bind with cement, before disposing in a landfill
 - EWC : 170100
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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.

This product is a manufactured article, not a substance nor a preparation. According to the European Union regulations, no label is required.

16. Other information.

The recommendations for machining and installation of the above mentioned product, have to be followed.

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.

More information can be found in the ETERNIT product information sheets, ETERNIT application guidelines, ETERNIT cleaning guidelines, ETERNIT website, etc...

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