

SAFETY DATASHEET

According to 1907/2006/CE, article 31

Cementex 3.5
Cementex 6
Cementex 8
Cementex 10
Cementex 12

1 Identification of the product and of the company

Product name: **Cementex,**

Intended product use: fibre reinforced building board, used for internal floors, walls and ceilings and for external unexposed ceiling and external walls.

Company: Etex Building Performance International sas,
Address: 500 rue Marcel Demonque, 84915 Avignon Cedex, France.
Telephone : +33432444400.

2 Hazard identification

These products are not classified as hazardous under the EU CLP Regulation (European Regulation EC/1272/2008 on the classification, labelling and packaging of substances and mixtures).

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. The inhalation of quartz from occupational sources may lead to chronic 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 building board.

This product is a manufactured article, not a substance nor a preparation. It is manufactured from a combination of Portland cement, calcium silicates hydrates, selected quartz and fibres. It is an asbestos-free product.

Hazardous substance: Portland Cement
contained at > 1%: EC 266-043-3

Hazard Classification	Category according to CLP Regulation EC/1272/2008
Skin irritation	2
Serious eye damage/ eye irritation	1
Skin sensitization	1B
Specific target organ toxicity single exposure respiratory tract irritation	3

Hazard statements

- H318: Causes serious eye damage
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H335: May cause respiratory irritation

Due to the presence of crystalline silica in the raw material used in the manufacture of these products, machining may lead to the release of quartz dust.

Inhalation of quartz from occupational sources can cause silicosis and lung cancer.

International Agency for Research on Cancer (IARC) Monographs 1997. "Crystalline silica inhaled in the form of quartz and cristobalite from occupational sources is carcinogenic to humans" (Group 1)

Undisturbed, this product does not pose a health hazard with all the ingredients bonded in the cement matrix.

4 First aid measures

No specific actions needed, nor special instructions for rescuers.

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Eye contact: Rinse with copious quantities of water and seek medical attention if irritation persists.

Swallowed: Rinse mouth and lips with water. Do not induce vomiting.

Inhalation: No special first aid measures. Breathe fresh air and consult a physician.

Skin contact: Rinse the skin thoroughly with water. No other special first aid measure necessary.

5 Fire fighting measures.

The product is a non-combustible board (reaction to fire A1), according to EN 13501 part 1.

6 Accidental spill / release measures

Not applicable

7 Handling and storage.

Handling :

- During 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 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.

Exposure limit values

- Check the latest Occupational Exposure Limits (OEL) for airborne contaminants that are applicable in your country,
- Follow the applicable workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable crystalline silica). Etex Building Performance International recommends to comply with the following limit values (8 hours limits) in case the national OEL would be less stringent:

cement, total inhalable	cement, respirable	Silica, respirable crystalline
mg/m3	mg/m3	mg/m3
5	2	0,05

Exposure controls

- Occupational exposure controls: The Respirable Crystalline Silica concentration in the workplace air is the relevant factor to be controlled. Mechanical action (for example sawing, drilling, sanding, mixing, etc.) on the product may lead to the generation and release of airborne Respirable Crystalline Silica. Avoid the generation and dispersion of airborne dust by using tools with dust extraction systems. Soiled working clothes have to be removed and washed. Workplace has to be cleaned.
- Personal protection: avoid breathing dusts, avoid eye and skin contact, wear personal protective equipment appropriate for the task.
- Respiratory protective equipment (RPE): whenever occupational exposure levels are or can be foreseen to be exceeded, wear a personal respirator in compliance with national legislation. At least a P2-class dust mask will be required. In particularly dusty circumstances a P3-class respirator will be required.
- Eye protection: In case of exposure to dust (e.g. whenever sawing, drilling, sanding, mixing tools are used and dust is produced), wear safety glasses with side-shields.
- Skin protection: Use working clothes and gloves to protect against mechanical injury and direct skin contact.
- Environmental exposure controls: no special requirements. There is no reported Eco toxicity for silica.

9 Physical and chemical properties

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Appearance: The colour is off-white
Form : rigid sheet
Odour : none

Important safety parameters:

Boiling point: not applicable
Melting point: not applicable
Flash point: not applicable
Flammability: not applicable
Auto flammability: not applicable
Explosive properties: not applicable
Oxidizing properties: not applicable
Vapour pressure: not applicable
Relative density: ca. 1200 kg/m³
Solubility:
 Water solubility: insoluble
 Fat solubility: not applicable
pH value : 12 – 13
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. Indeed, as this product is mainly made of mineral raw materials, it can contain traces of crystalline silica. Mechanical action (for

example, cutting, sanding, drilling, mixing, etc.) will release dust which may contain respirable crystalline silica particles.

- 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 high concentrations of dust may irritate the airways. Dust may also cause irritation of the eyes and/or skin. Inhalation of crystalline silica containing dust, 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. The latter is concluded by IARC on the basis of observations in heavily exposed occupations like miners, pottery and foundry workers. 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

- The product has to be handled as building waste in accordance with local legislation.
- Treat any collected dust in a way that prevents further exposure.
- EWC : 170100

14 Transport information

Road transport:
product is not classified as dangerous

Inland shipping transport:
product is not classified as dangerous

Sea shipping transport:

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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 technical datasheet, the application guidelines, or website.