

4. FIRST AID MEASURES

Inhalation : remove to fresh air, drink water to clear throat and blow nose to evacuate fibres.

Eyes : inert dust. Flush eyes with large quantities of water.

Skin : inert dust. Clean with mild soap and water.

5. FIRE-FIGHTING MEASURES

Use extinguishing agents suitable for type of surrounding combustible materials.

6. ACCIDENTAL RELEASE MEASURES

Personal protection in case of accidental release or spillage likely to result in an abnormally high dust concentration

Provide the workers with appropriate protective equipment as detailed in section 8.

Restrict access to the area to a minimum number of workers.

Restore the situation to normal as quickly as possible.

Prevent further dust dispersion for example by damping the materials

Methods for cleaning up

Pick up large pieces first and finish with a vacuum cleaner fitted with high efficiency filter.

If brushing is used, ensure that the area is wetted down first.

Do not use compressed air for clean up.

For waste disposal refer to section 13.

Environmental protection

Do not allow to be wind blown.

Do not flush spillage to drain and prevent from entering natural water courses.

Check for local regulations which may apply.

7. HANDLING AND STORAGE

Most industrial handling and cutting applications on the material are likely to produce dust levels well below the Occupational Exposure Limits detailed in section 8.

Maintain good housekeeping practices. Clean waste with HEPA vacuum cleaner and place in closed containers. Avoid inhalation of dust.

Storage : in dry conditions.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Techniques to reduce dust exposure to a minimum

Use engineering control such as dust extraction at point of work to keep dust

level to a minimum. In addition use a vacuum cleaner fitted with HEPA filters to collect dust and debris.

Dispose of according to State and Local regulations.

Hygiene standards and exposure limits

Hygiene standards and occupational exposure limits may vary between countries local jurisdictions. Check which exposures apply to your facility.

- Dusts :

There is exposure limits for dusts without specify health effect:

Coutry	exposure limits*	Ref
France	10 mg/m ³ 5 mg/m ³	total dusts breathable dusts art. R232.5.5. du code du travail

- Fibres :

Examples of exposure limits* in January 2002 are given below (these exposure limits are applicable to all kinds of fibres) :

Allemagne	0.5 f/ml	TRGS 900
France	1 f/ml	Circulaire DRT no 95-4 du 12/01/95
United Kingdom	2 f/ml	HSE EH40 Workplace Exposure Limit

*8-hr time weighted average concentrations of airborne respirable fibres measured using the conventional membrane filter method.

Skin and eye protection

Wear gloves and overalls which are loose fitting at the neck and wrists.

Wear goggles or safety glasses with side shields in case of over head working.

After handling rinse exposed skin with water.

Wash work clothing separately.

Respiratory protection

For dust concentrations significantly below the exposure limit value, (RPE) is not required but FFP2 respirators may be used on a voluntary basis.

For short term opérations where excursions above the exposure limit value are less than a factor of ten, use FFP2 respirators.

Information and training of workers

Workers shall be informed on:

- the applications involving fibre-containing products ;
- the potentiel risks to health resulting from exposure to fibrous dust ;
- the requirements regarding smoking, eating and drinking at the workplace ;
- the requirements for protective equipment and clothing.

Workers shall be trained on:

- the good working practices to limit dust release ;
- the proper use of protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : solid

Color : blue

Odor : none

Specific gravity : 1,0

Solubility in water : insoluble

10. STABILITY AND REACTIVITY

10.1 Stability : very stable.

10.2 Hazardous reaction : Avoid contact with hydrofluoric acid.

11.TOXICOLOGICAL INFORMATION

Irritating properties

The fiber does not behave as an irritating product when tested according to the approved methods (Directive 67 / 548 / CE, Annexes 5, Method B4). But as with all the mineral fibers - artificial or natural - we can have a mild irritation with itches and possibly red patches to certain particularly sensitive people. Contrary to other types of irritation, the effects not result neither from an allergy nor from a chemical interaction with the skin, but from mechanical frictions.

Chronic health effects:

IARC (International Agency for Research on Cancer) has classified calcium silicate in group 3: not classifiable as to its carcinogenicity to humans

12. ECOLOGICAL INFORMATION

This product is an inert material wich remains stable over the time.

13. DISPOSAL CONSIDERATIONS

Product is to be seen as non-hazardous.

14. TRANSPORT INFORMATION

No special precautions required.

15. REGULATORY INFORMATION

EU classification : the product is an article so is not classified.

Labelling : this product is an article so no labelling required

16. OTHER INFORMATION

This document completes the technical user manuals, but by no means replaces them. Information given in this document is based on our knowledge of the product concerned on the date when this version of document was drafted. All information is given in good faith.

We attract user attention to risks that might be taken when using a product for other application than the one it was designed for.

This document does not exempt the user from knowing and applying all regulations concerning their activity. The user is entirely responsible for carrying out all precautions linked to use of the product. All legal information given in this document has only been mentioned in order to help user fulfil their obligations in terms of using hazardous products.

This list must not be considered to be complete. It does not mean that the user does not have to ensure that any other articles laying down obligations concerning the detention and use of this product exist. The user is entirely responsible for respecting all possible legislation.