



**SOCIETÀ
ITALIANA
LASTRE**

SAFETY DATA SHEET

Issue date: 20/01/2008

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1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND COMPANY / FIRM

Identification of the Product:

- Trade name: FLAT SHEETS IN FIBRE CEMENT SILBONIT
- Item number: //
- CAS number: //
- EC number: //
- Identified intended uses of the substance or mixture and not recommended uses:
Flat sheet in fiber cement used for walls in case of interior and exterior cladding.
- Use of the substance/of the compound: cladding sheets.
- Details of the safety data sheet supplier:
- Manufacturer/Supplier:

SOCIETÀ ITALIANA LASTRE SPA
Via Lenzi, 26
Verolanuova (BS)
Italia
Tel. 030/9920900 Fax 030/992088

- Information supplied by: Safety Office and Technical Directorate
- Emergency telephone number: //

2. IDENTIFICATION OF HAZARDS

The product in itself does not constitute any health hazard.
If it is worked with high-speed tools, it can release dust whose inhalation may cause respiratory system ailments.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The main components making up the product are:

INGREDIENT	FROM %	TO %	CAS No	HAZARD SYMBOLS AND RISK PHRASES	PRECAUTIONARY STATEMENTS
Cement or hydraulic binder	30	50	65997-15-1	XI, R36/37/38, R41, R43	S2, S22, S24/25, S26, S36/37/39, S46
Cellulose fibers	8	12	None	None	None
Wollastonite (long fiber)	3	8	13983-17-0		P260 P285 P 501
Silicon dioxide	30	40	14808-60-7	H373	P260 P285 P 501
Water	<	10			
Coloring pastes	3	6		XI, R43,	S24, S37

4. **FIRST AID PROCEDURES**

None: the product has no odor, it does not irritate skin when touching it, it does not emit vapors nor does it release fibers appreciably; due to its solid and cementitious quality, it is not possible to ingest it or to inhale it.

4.1. **FIRST AID PROCEDURES, IN CASE OF FORMATION OF DUST, DUE TO HIGH-SPEED TOOL WORKING AND ENSUING RELEASE OF DUST:**

Eye exposure:

Rinse eyes with plenty of water; if irritation persists, seek medical advice.

Inhalation:

It is advisable to bring the exposed person into the open air.

Ingestion:

No first aid procedures required.

Skin contact:

No first aid procedures required.

4.2. **MAIN SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

No acute or delayed symptoms to be pointed out.

4.3. **INDICATION OF ANY POSSIBLE NEED FOR IMMEDIATE MEDICAL ADVICE OR FOR SPECIFIC TREATMENTS:**

No specific actions required.

5. **FIRE PRECAUTIONS**

None: the product is neither inflammable nor combustible.

5.1. **EXTINGUISHING MEDIA:**

No specific extinguishing media required.

5.2. **SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

Not combustible. No hazardous thermal decomposition.

5.3. **ADVICE FOR FIRE-FIGHTERS:**

No special fire protection equipment required.

6. **ACCIDENTAL RELEASE MEASURES**

None: the product is solid and can remain unpacked for an indefinite period of time without any release of any substance.

ACCIDENTAL RELEASE MEASURES IN CASE OF DUST FORMATION DUE TO HIGH-SPEED TOOL WORKINGS AND ENSUING RELEASE OF DUST:

6.1. **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENTS AND EMERGENCY PROCEDURES:**

Avoid generating dispersed dust in the air. Wear personal protection equipment in compliance with the national legislation.

6.2. **ENVIRONMENTAL PRECAUTIONS:**

No special requirement.

6.3. **METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:**

Avoid dry sweeping, and use an industrial vacuum cleaner or spray washing devices to avoid generating dispersed dust in the air. Wear personal protection equipment in compliance with the national legislation.

6.4. **REFERENCE TO OTHER SECTIONS:**

See sections 8-13

7. **HANDLING AND STORAGE**

7.1 PRECAUTIONS FOR SAFE HANDLING:

Avoid generating dispersed dust in the air. In case of high-speed tool working, provision should be made for a suitable ventilation in the areas where dispersed dust in the air is generated. In case of insufficient ventilation, wear suitable equipment for the protection of the respiratory system.

7.2 PRECAUTIONS FOR SAFE HANDLING:

If the products (sheets) are handled individually, use protective gloves and safety shoes to avoid crushing, cuts and abrasions to limbs.

If the sheets are handled in packages, use the standard safety precautions for the mechanical handling of loads.

- **Conditions for safe storage, and possible incompatibilities: //**

- **Storage:** The product must be stored in a covered space and in the original packaging until use.

- **Warehouse requirements:** Store in a dry and covered space.

- **Directions for mixed storage: //**

- **Further directions relevant to storage conditions:**

The storage must be effected on a horizontal and planar surface.

In case of storage of stacked packages, make sure of their perfect stability and of the specific characteristics of any packaging (dimensions, thickness, etc.).

- **Specific end uses:** no further information available.

8. **EXPOSURE CONTROL / PERSONAL PROTECTION**

The product does not release any emission, and thus it does not require any personal protections except the safety precautions as per point no 7.

In case of dust due to high-speed tool working and ensuing release of dust:

Comply with the exposure limits under law in workplaces for any kind of dust dispersed in the air (e.g. total dust, inhalable dust, inhalable crystalline silicon dust).

The occupational exposure limit (OEL) for the inhalable crystalline silicon dust is 0,025 mg/m³ in Italy, measured as TWA (Time Weighted Average) in 8 hours.

As to the equivalent limits in other Countries, resort to a qualified occupational hygienist or to the relevant public authority.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Information about the product's basic physical and chemical properties:

Specific weight: $\geq 1,60 \text{ kg/dm}^3$

Water absorption: $\leq 25\%$

Reaction-to-fire performance: A2-s1, d0

Appearance: solid

Odor: odorless

Odor threshold: not applicable

Flash point: non-flammable product

Upper / Lower flammability or explosive limits: non-flammable and non-explosive product

Vapor pressure: not applicable

Water solubility: negligible

Auto-ignition temperature: not applicable

Decomposition temperature: not applicable

Viscosity: not applicable

Explosive properties: non-explosive product

Oxidizing properties: not applicable

10. **STABILITY AND REACTIVITY**

Stable under standard conditions of use, insoluble in water and solvents, attacked by acid substances.

10.1. REACTIVITY

Inert, non-reactive

10.2. CHEMICAL STABILITY

Chemically stable

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reaction

10.4. CONDITIONS TO BE AVOIDED

Not applicable

10.5. INCOMPATIBLE MATERIALS

No particular incompatibility

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Not applicable

11. **TOXICOLOGICAL INFORMATION**

The product in itself is not health hazardous in any way.

If it is worked with high-speed tools, it can release dust whose inhalation may cause respiratory system ailments.

12. **ECOLOGICAL INFORMATION**

Use the product for the intended uses and do not release any unused product to the environment.

12.1. TOXICITY

Not applicable

12.2. PERSISTENCE AND DEGRADABILITY

Not applicable

12.3. BIOACCUMULATIVE POTENTIAL

Not applicable

12.4. MOBILITY IN THE SOIL

Negligible

12.5. ADDITIONAL ADVERSE EFFECTS

No known specific adverse effects

13. **DISPOSAL CONSIDERATIONS**

Whenever practicable, recycling is preferable to disposal. The product can be disposed of in accordance with local regulations.

The wastes from the use of this product are classified by C.E.R. (17.01.01) as "non-hazardous waste".

14. **TRANSPORT INFORMATION**

No necessary precaution as the product is not hazardous.

14.1. UN NUMBER: Not applicable.

14.2. UN PROPER SHIPPING NAME: Not applicable.

14.3. TRANSPORT HAZARD CLASSES:



ADR: not classified
IMDG: not classified
ICAO / IATA: not classified
RID: not classified

- 14.4. PACKING GROUP:** not applicable
14.5. ENVIRONMENTAL HAZARDS: not applicable
14.6. SPECIAL PRECAUTIONS FOR USERS:
The transport must be carried out in a covered vehicle.

15. REGULATORY INFORMATION

15.1 CLASSIFICATION:

The product is **NOT** considered "hazardous".

15.2 LABELLING

Not necessary in compliance with CLP Regulation and directives 1967/548/EEC and 1999/45/EC.

15.3. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

LEGISLATION / INTERNATIONAL REQUIREMENTS

- P.D. (*Presidential Decree*) 1124/65 (Single text of the provisions for a compulsory insurance against the risk of accidents at work and occupational diseases)
- L.D. (*Legislative Decree*) 152/06 and s.a.a. (*subsequent amendments and additions*) (Environmental standards)
- L.D. 475/82 and s.a.a. (Application of Council Directive 89/686/EEC of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment)
- L.D. 81/08 and s.a.a. (Application of Article 1 of Law of 3 August 2007, no 123, on workplace safety and health)
- Directive 67/548/EEC and s.a.a. (Classification, packaging and labelling of dangerous substances)
- Regulation (EC) no 1907/2006 and s.a.a. (Registration, evaluation, authorization and restriction of chemicals - REACH)
- Regulation (EC) no 1272/2008 (Classification, labelling and packaging of substances and mixtures)

NATURE OF SPECIAL RISKS

- H373: May cause damage to lungs through prolonged or repeated inhalation.
- R36/37/38: Irritating to eyes, respiratory system and skin.
- R41: Risk of serious damage to eyes.
- R43: May cause irritation by skin contact.

PRECAUTIONARY STATEMENTS (PHRASES S)

- P260: Do not breathe dust.
- P285: In case of inadequate ventilation, wear suitable respiratory equipment.
- P501: Dispose of product/container in accordance to local regulation.
- S2: Keep out of the reach of children.
- S22: Do not breathe dust.
- S24/25: Avoid contact with skin and eyes.
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39: Wear suitable protective clothing and gloves, and wear eye/face protection.
- S46: If swallowed, seek medical advice immediately and show the container or label.

16. FURTHER INFORMATION

INDICATION OF CHANGES MADE TO THE PREVIOUS VERSION OF SDS

Revision of the entire document.