

1. Identification of material and manufacturer

Product	Valbonite - Wood fibre board suitable for intense use in moisture environments.
Application	For specific applications please refer to Product Data Sheet, or contact a representative.
Manufacturer	IFM – Indústrias de Fibra de Madeira, SA Valbom 2300-607 Tomar More information: T. +351 213 190 140 F. +351 213 190 144

2. Hazard identification

Physical and chemical hazard	Not classified
Health hazard	Not classified
Environmental hazard	Not classified

3. Composition

Wood: Eucalyptus – *Eucalyptus Globulus*

Binding agent: No binding agent

Wax: Parffin emulsion at 60%

4. First aid

Eye contact

The resulting dust may cause irritation.
In case of contact, wash with plenty of water for 15 minutes. See a doctor in case of irritation.

Skin contact

Wood dust may cause skin rashes or allergies to some sensible individuals.
In case of contact, wash with plenty of water. Remove contaminated clothing and shoes. Wash clothes before re-using. Polish the shoes before re-using.
See a doctor in case of irritation.

Inhaling

Wood dust may cause breathing problems e/or irritation. If inhaled, seek fresh air.
See a doctor in case of any symptoms.

Ingestion

Very unlikely

Notes for physician

Treatment should in general be symptomatic and directed to relieving any effects.

5. Fire fighting measures

Not flammable at room temperature, but is combustible. In case of fire, soak or rinse with water.

In the event of large scale fire, follow the general fire fighting procedures, namely: ensure means for early detection and alert the closest Fire Fighters; ensure availability of adequate and functioning fire fighting equipment; ensure that staff is trained in the different protections measures and use of the different equipments.

Airborne dust may represent risk of explosion; usual dust control measure should be in place.

6. Measures in case of accidental leaks

Localized suction prevents dust from going airborne. Remove any ignition source and fit the area with adequate ventilation.

The dust should be sent to a container for proper disposal.

7. Handling and storage

Precautions

Avoid ignition sources and the accumulation of dust clouds that may propagate fire and/or explode.
Avoid eye and skin contact.
Avoid inhaling the dust.

Storage

Keep away from heat, sparks, flames and other ignition sources and of agents that cause incompatibility with the product.
Store in covered areas at room temperature.

Incompatibility

Avoid contact with oxidizing agents and drying oils.
Avoid flames.

8. Exposure control / individual protection

Collective protection



Methods to minimize exposure to dust above recommended levels include good ventilation of the areas during process and individual protection. The working equipments should take into consideration the explosive potential. Shower and eye-washing equipment are recommended.



Eyes: AVOID EYE CONTACT

Use protective goggles to prevent entry of particles in the eye.



Body: AVOID SKIN CONTACT

Use adequate clothing. Remove and wash dusty clothing before re-using.

Individual Protection



Respiratory system: AVOID INHALING DUST

Whenever the collective protection is not sufficient, use mask according to safety norms.



Hands: AVOID SKIN CONTACT

Use working gloves, according to safety norms, to protect skin from contact with dust, splinters and irritation.

Feet: Non applicable.

Determined according to the normal conditions of the workplace.

9. Physical and chemical properties

Physical state: Solid

Flash point: Not determined

Colour: Wood internal colour

Smell: No smell

Density: See Product Data Sheet

Solubility: Insoluble in cold water

10. Stability and reactivity

Stability and reactivity	Stable
Instability conditions	Not determined
Incompatibility	Wood dust may ignite in contact with strong oxidizing agents, such as perchloric and nitric acids, or with strong acids such as sulfuric acid. The same occurs with drying oils.
Hazardous decomposition of the product	Thermal and/or oxidant thermal decomposition may produce irritating emanations, toxic gases, including carbon monoxide.

11. Toxicological information

General information

Inhalation and contact with skin and eyes.

Chronic effects on humans

Exposure to wood dust may cause asthmatic symptoms. Chronical exposure to some wood species and the sensibility of some workers may cause the appearance of allergies that may be serious for the individual's health.

There are no available test results. The following is a list of available data on wood dust and formaldehyde:

Skin contact: CAUSES IRRITATION AND SENSIBILITY

Dermatitis has been detected in human beings, the nature of the wood and the origin of the dust must be taken into account.

Skin absorption: Not determined.

Eye contact: CAUSES OCULAR IRRITATION

Conjunctivitis has been detected on human beings, the nature of the wood and the origin of the dust must be taken into account.

Inhaling: CAUSES IRRITATION AND SENSIBILIZATION

No available test results. The following is a list of available data on identified ingredients.

Acute effects in humans



Inhaling wood dust may irritate the respiratory system causing: dryness of mucous and phlegm. May cause breathing trouble, such as: bronchitis, nasal discharge, obstruction of the respiratory system, amongst others. May sensitize the respiratory system and cause asthma symptoms.

Workers who have trouble breathing should avoid prolonged exposure to wood dust

Ingestion: Very unlikely to occur.

Irritability: No existing test results.

Sensibilization: No existing test results.

Cancerogenic effects: No existing test results.

Teratogenic effects: Not determined.

Mutagenic effects: No existing test results.

Effects on reproduction: No existing test results.

12. Ecological information

Ecotoxicity	Not determined.
Biodegradation of the product	Not demand
Toxicity during biodegradation	Not determined.
Environmental hazards	Biodegradation may lower the oxygen levels of water, which may be harmful for aquatic life.

13. Information about residues

Residues must be handled according to the legal environmental framework.

14. Transportation

Not classified as hazardous for transportation.

15. Regulatory information

Other regulations



EN 13986:2004 – Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking.

16. Other information

The health and safety advice given in this sheet may not apply to all individuals and/or every situation. It is the users responsibility to assess and use the product with safety and fulfilling the legislation. IFM, S.A. will not accept liability for damage or injuries resulting from improper use of the product, from failure to abide to recommendations, nor any hazards inherent to the products nature.