

# Material Safety Data Sheet



## 1 IDENTIFICATION OF THE MATERIAL / PREPARATION AND OF COMPANY / UNDERTAKING

**Product Name :** Medium Density Fiberboard

**Synonyms, Trade Names:** Medite Premier

**Company Name :** Medite Europe Ltd  
Redmondstown  
Clonmel  
Co Tipperary  
Tel. +353 (0) 52 82300  
Fax + 353 (0) 52 21815

## 2 COMPOSITION / INGREDIENTS

**Chemical characterisation :** Mixed softwood, polymerised resin, paraffin wax, moisture, and formaldehyde ( $\leq 8$  mg/100g - Class E1)

**Hazardous Ingredients :** None.

## 3 HAZARDS IDENTIFICATION

This product is regarded as a non-hazardous material

## 4 FIRST AID MEASURES

**Inhalation:** Not applicable.

**Ingestion:** Not applicable.

**Eye contact :** Not applicable.

**Skin contact :** Not applicable.

During the machining of Medite Premier i.e. sawing, sanding, etc., dust is generated. If adverse effects occur following inhalation of, ingestion of or eye contact with this dust, remove to fresh air. In the case of eye contact flush open eye with tepid water. Consult doctor if symptoms persist.

## 5 FIRE-FIGHTING MEASURES

**Suitable fire extinguishing agents :** Water, Dry Powder, Carbon Dioxide(CO<sub>2</sub>) & Foam.

**Unsuitable fire extinguishing agents :** None

**Special hazards caused by the material, its products of combustion or its flue gases:** Carbon Monoxide(CO), Carbon Dioxide(CO<sub>2</sub>) and Nitrogenous gases may develop in case of fire.

**Special protective equipment in case of fire :** Wear breathing apparatus equipment suitable for above mentioned gases in case of fire.

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## 6 ACCIDENTAL RELEASE

**Personal precautions :** Not applicable for product in sheet form

**Environmental precautions :** Not applicable for product in sheet form

**Method of clean-up :** Wood dust generated from machining, i.e. sawing, sanding Medite Premier should be collected by suction cleaning equipment and contained for recovery or disposal.

## 7 HANDLING AND STORAGE

**Handling:** In sheet form Medite Premier can present a manual handling risk due to its physical dimensions and weight. Adhere to good lifting practices and use appropriate lifting devices if necessary.

**Storage:** Store product in a dry and well-ventilated place. Keep away from flame and other ignition sources.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Occupational exposure limits**

**Softwood dust :** 5 mg/m<sup>3</sup> (Sen.) - EH40 MEL (8 hour TWA) Softwood dust is generated during the machining of Medite Premier

**Formaldehyde :** 2 ppm ( 2.5 mg/m<sup>3</sup>) – EH40 MEL (8 hour TWA)  
2 ppm ( 2.5 mg/m<sup>3</sup>) – EH40 STEL (15 min)

**Breathing equipment:** Use the same breathing filter as used during the machining of other softwood products to avoid inhaling softwood dust.

**Eye protection:** Use the same eye protection equipment i.e. safety glasses, as used during the machining of other softwood products.

**General protection and hygiene measures:** Follow good hygiene and housekeeping practices.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**State :** Solid panel form

**Odour :** None under ambient conditions

**Dimensions:** Dimensions will vary with product thickness, length and width.  
See Medite technical information sheet

**Density (kg/m<sup>3</sup>):** Density will vary according to product type. See Medite technical information sheet

**Flash point :** Not determined in solid panel state, Layer ignition temperature (5mm layer) for Medite MDF sander dust is 320°C

**Inflammability:** N/A in solid state

**Explosive hazard:** N/A in solid state



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## 10 STABILITY AND REACTIVITY

**Stability:** This product is chemically stable.

**Conditions to avoid:** Store product in a dry and well-ventilated place. Avoid flame or other ignition sources.

**Materials to avoid:** Keep away from strong acids, bases and oxidising agents.

**Hazardous Decomposition products:** Carbon Monoxide (CO), Carbon Dioxide (CO<sub>2</sub>) and Nitrogenous gases may develop in case of fire.

## 11 TOXICOLOGICAL INFORMATION

**Acute toxicity:** This product is a safe material in panel form.

## 12 ENVIRONMENTAL INFORMATION

**Environmental Assessment:** When used as intended this product is not classified as dangerous to the environment.

**Mobility :** Not determined

**Degradability :** Not determined

**Bioaccumulative potential :** Not determined

**Ecotoxicity :** Not determined

## 13 DISPOSAL CONSIDERATIONS

Disposal in accordance with National and EU regulations

## 14 TRANSPORT INFORMATION

**General Transport :** No labeling is required

## 15 REGULATORY INFORMATION

**Symbol(s) :** None

**R - Phrase(s) :** No Risk phrases assigned

**S - Phrase(s) :** No Risk phrases assigned

The information contained herein does not constitute the users own risk assessment of the work place as required by other health and safety legislation.

## 16 OTHER INFORMATION

Bases on EC directive : 2001/58/EC

Dated : 23/01/2007

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the view of safety requirements. It should not therefore be construed as guaranteeing specific properties or their suitability for a particular application.

Revision: 2

Last change: 17/11/04

## EC SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name: FIBRANOR (MDF board)

Company: Financiera Maderera, S. A.  
Ctra. A Coruña-Tui Km 57  
15700 Santiago de Compostela (SPAIN)

Phone number: +34 981 570 055

### 2. COMPOSITION/ INFORMATION OF THE INGREDIENTS

	CAS No	Hazards symbols	R- Prases	Concentration
- Timber				80 - 88 %
- UMF Resin (Urea-Formaldehyde)				8 - 12 %
- Water				5,0 - 9,0 %
- Paraffin wax				1,5 - 2,5 %
- Formaldehyde	50-0-00	Xn	R40-43	< 0,03 %

### 3. HAZARDS IDENTIFICATION

No hazards are described during handling of boards.

During manipulation of boards (cutting, machining, sanding, ...) dust wood or traces of formaldehyde could be liberated.

Risk of weak irritation to the skin or respiratory system could be possible in some of these cases.

### 4. FIRST AID MEASURES

In case of fire or irritation, move exposed people to a well-ventilated place.

If it is necessary, summon doctor.

### 5. FIRE FIGHTING MEASURES

Special hazards: Not classed as flammable.  
Combustion will evolve carbon dioxide (CO<sub>2</sub>) or carbon monoxide (CO).

Protective equipment: A self contained breathing apparatus and suitable protective clothing should be worn in big fires.

Extinguishing agents: Water, foam or dry powder.

### 6. ACCIDENTAL RELEASE MEASURES

Not applicable

### 7. HANDLING AND STORAGE

Safe handling advice: Do not storage boards higher than 4 m. Boards could fall off. Avoid carry boards without mechanical help. Back injuries could be occasionated.

Requirements for storage rooms: Storage area has to be indoor, well-ventilated and damp free.

Revision: 2

Last change: 17/11/04

## EC SAFETY DATA SHEET

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

*Applicable as long as boards are manipulated (sanding, machining, cutting...)*

#### Occupational exposure limits

See local requirements, if occupational exposure limits are available.

Dust wood:	TLV-TWA:	5 mg/m <sup>3</sup>
Formaldehyde:	TLV-STEL:	0,3 ppm, 0,37 mg/m <sup>3</sup>

#### Technical measures:

Where suitable engineering controls are not fitted or inadequate, wear suitable protective equipment.

#### Personal protection:

Respiratory protec.:	Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.
Eye protection:	Wear eye/face protection..
Hand protection:	Wear suitable gloves.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solid
Colour:	brown
Odour:	wood
Boiling point:	no data
Melting point:	no data
Autoignition temperature:	175 °C
Explosion limits:	lower: not applicable higher: not applicable
Density:	780 - 880 kg/m <sup>3</sup>
Solubility in water:	not applicable
Explosive properties:	not applicable
Oxidizing properties:	not applicable

### 10. STABILITY AND REACTIVITY

Hazardous reactions (conditions to avoid): None known

Hazardous reactions (materials to avoid): None known

Hazardous decomposition products: See Fire Fighting Measures

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity (irritation, sensitisation, etc.): No data

Delayed or chronic toxicological effects: Risk of weak irritation to skin or respiratory system could be possible.



Revision: 2

Last change: 17/11/04

**EC SAFETY DATA SHEET****12. ECOLOGICAL INFORMATION**

Degradability:	100 %
Mobility:	Boards are not soluble in water
Ecotoxicity:	LC 50: no data IC 50: no data

**13. DISPOSAL CONSIDERATIONS**

Disposal should be in accordance with local, state or national legislation.

**14. TRANSPORT INFORMATION**

Road transport ADR/RID:	not applicable
Maritime transport IMDG:	not applicable
Air transport ICAO/IATA:	not applicable

**15. REGULATORY INFORMATION**

Classification:	not applicable
Hazards labels:	not applicable
R-phrases:	not applicable
S-phrases:	not applicable
Hazardous ingredients:	Formaldehyde (< 0,03 %)

**16. OTHER INFORMATION**

This data sheet was prepared in accordance with Directive 91/155/EC

The above information is accurate to our knowledge and shall describe our product under the aspect of safety. They are not meant to guarantee specific properties of the product.

The existing regulations are to be observed by our customers at their own responsibility.