

Material Safety Data Sheet



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

Product Name : Medium Density Fiberboard

Synonyms, Trade Names: Medite FR (Flame Retardant)
Euro Class B, Euro Class C.

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, red dye, fire retardant additive (mixture of phosphate & nitrogen compounds), moisture, and formaldehyde (≤ 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 i.e. sawing, sanding of Medite FR, 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(CO₂) & 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(CO₂) 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.

Material Safety Data Sheet



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 FR should be collected by suction cleaning equipment and contained for recovery or disposal.

7 HANDLING AND STORAGE

Handling: In sheet form Medite FR 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/m³ (Sen.) - EH40 MEL (8 hour TWA) Softwood dust is generated during the machining of Medite FR

Formaldehyde : 2 ppm (2.5 mg/m³) – EH40 MEL (8 hour TWA)
2 ppm (2.5 mg/m³) – 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/m³): 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

Material Safety Data Sheet



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 (CO₂) 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.