

Document		KC/HS/DOC/0001
Created by:	Dr. H. Earl	Date 01/08/10
Approved by:	Dr. H. Earl	Printed: 01/09/2010
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Material Safety Data Sheet

1. Identification of the Substance, Preparation and Company

<i>Product Name/Type:</i>	Medium Density Fibreboard (MDF) High Density Fibreboard (HDF) Moisture Resistant Medium Density Fibreboard (MR-MDF) Deep Router Grade Medium Density Fibreboard (DRG) Powder Coating Grade Medium Density Fibreboard (PC) Chipboard P1 (Standard) Chipboard P2 (Superfine) Chipboard P3 (Moisture Resistant Superfine) Chipboard P4 (Flooring) Chipboard P5 (Moisture Resistant Flooring) Melamine-faced Chipboard (MFC) Melamine-faced Medium Density Fibreboard (MFMDF) Laminate Flooring Kitchen Worktop Sawn Timber Orientated Strand Board (OSB)
<i>Application:</i>	Building, furniture, decorative fixtures and fittings
<i>Supplier:</i>	Kronospan Limited Holyhead Road Chirk Wrexham LL14 5NT
<i>Contact:</i>	+44 (0) 1691 773 361

2. Composition/Information on Ingredients

No materials identified for this purpose as specified in the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

Wood panel products contain the following:

Wood (various species of softwood)	77 – 91.6 %
Polymerised Resin (UF, MUF, Phenolic, p-MDI)	8 – 20 %
Wax and Hardener	0.4 – 3.0 %

3. Hazards Identification

<i>Physical Hazard:</i>	Not classified
<i>Health Hazard:</i>	Not classified

4. First Aid Measures

<i>Inhalation:</i>	Inhalation of wood dust can only occur during processing. If inhalation of dust causes adverse effects, remove to fresh air. If discomfort persists seek medical advice.
<i>Skin Contact:</i>	In case of irritation from dust generated when processing product, wash with water.
<i>Eyes:</i>	If particles enter the eyes during processing immediately flush eyes with plenty of water. Seek medical attention if irritation persists.

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5. Fire Fighting Measures

Not flammable at room temperature but will burn. In case of fire, soak or flood with water. For large fires, fire fighters should wear appropriate emergency protective equipment, including self-contained breathing apparatus. Airborne wood dust may present an explosion hazard; standard precautions for dust control should be followed.

6. Accidental Release Measures

The product does not represent a hazard in sheet form. However, wood dust generated during processing should be contained, collected and removed.

7. Handling and Storage

Manual Handling

In sheet form the product can present a manual handling risk due to physical dimensions and weight. Good lifting practice should be followed.

Storage

Keep away from heat, sparks, flames and other ignition sources. Store at room temperature. Keep away from moisture. Take care when removing packaging.

8. Exposure Controls/Personal Protection

Exposure Controls

During processing, adequate ventilation and/or extraction should be provided to minimise airborne dust.

Personal Protection

Dust will be created during processing; use appropriate respiratory protection equipment that conforms to EN149 Type FFP2. Wear gloves as required to prevent skin contact. Wear eye protection to prevent dust particles from entering eyes.

9. Physical and Chemical Properties

Appearance:

Wood-panels in various dimensions.

Odour:

None under ambient conditions.

10. Stability and Reactivity

Considered stable and inert.

Materials to avoid:

Reducing and oxidising agents.

Conditions to avoid:

Heating and ignition sources and damp atmospheres.

Thermal decomposition products may include:

CO, CO₂, aldehydes (including formaldehyde), particulate matter and other organic compounds.

Other hazards:

Processing of wood panels generates dust. Appropriate protection from inhalation of dust is recommended.

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11. Toxicological Information

Wood-panels are composed of softwood of various species bound together with a urea-formaldehyde Polymerised resin. When it is machined, very fine dust is produced. As with other types of softwood dust, woodpanel dust is a potentially hazardous substance and should therefore be controlled. Softwood dust is not classified as a carcinogen.

Under COSHH regulations, softwood dust has a maximum exposure limit (MEL) of 5 mg/m³. Exposure should be reduced as far as is reasonably practicable below this limit. When using portable or handheld equipment a suitable dust mask should be worn. In any case the product should be machined in a well-ventilated area.

Formaldehyde is present in the product at less than 0.01% and therefore is unclassifiable under the CHIP4 Regulations.

12. Ecological Information

Mobility: Not determined

Degradability: Not determined

Bioaccumulative Potential: Not determined

Aquatic Toxicity: Not determined

13. Disposal Considerations

Manufacturing waste must be disposed of as Controlled Waste. The raw product is not classified as Hazardous Waste.

14. Transport Considerations

UK Supply Classification: Not classified

UK Carriage Classification: Not classified

UN Conveyance Classification: Not classified

UN Number: None

15. Regulatory Information

None

16. Other Information

Further technical information may be obtained from:

The Wood Panel Industries Federation

Tel: +44 (0) 1476 563 707

Fax: +44 (0) 1476 579 314

Email: enquiries@wpif.org.uk

The above data has been presented in the form of a Material Safety Data Sheet for information only. Wood-panel products manufactured and supplied by Kronospan are not classified according to the CHIP4 and COSHH regulations.