

MATERIAL SAFETY DATA SHEET

FORMLINE MDF, FORMLINE DECOR, FORMLINE HDF

1. Product Information

Manufacturer /Distributor:	EGGER (UK) Ltd
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Tradename / Type:	Formline MDF, Formline Decor, Formline HDF
Uses:	Coreboard for use in internal fittings and in furniture making
Description:	Medium Density Fibreboard

2. Information on Ingredients

Wood: 83 - 85%; Solid Resin: 8 - 10%; Water: 6%; Solid Paraffin Wax: 0.5%; Total Extractable Formaldehyde (CAS-No. 50-00-0): 0.008% max (Emission class 1). Silica: <0.02%

3. Hazards Identification

Harmful by inhalation (dust / formaldehyde). Effects of skin contact are not fully known and may vary.

4. First Aid Measures

Eye Contact: Irrigate with water. If discomfort persists obtain medical attention.
 Inhalation: Remove from exposure. If discomfort persists seek medical attention.
 Skin Contact: Wash off with soap and water.
 Ingestion: Wash out mouth with water.

5. Fire Fighting Measures

Use: Water, CO2. Dust from cutting and milling operations is an explosive hazard (see additional information).
 Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids.

6. Accidental Release Measures

Sweep or vacuum wood dust for recovery or disposal, avoid generation of dusty conditions. Provide good ventilation.

7. Handling and Storage

Handling: Care should be taken during handling to protect hands from small splinters of wood. Follow good housekeeping practices; clean up areas where wood dust settles to avoid excessive accumulation of this combustible material. Avoid generation of explosive levels of wood dust in air. Store in a cool, dry, well ventilated area. Note: In poorly ventilated areas, particularly under moist and warm conditions, small traces of formaldehyde may be emitted.

8. Exposure controls

As appropriate to the situation and the quantity handled.

OEL Wood dusts :OES 8 hour TWA 5mg/m³

OEL Formaldehyde - MEL 8 hour TWA 2 ppm - 2.5 mg/m³ / STEL 15 minute 2 ppm - 2.5 mg/m³

Respirator: Approved respirator under dusty conditions recommended. Ventilation: Local Exhaust: Due to explosive potential of wood dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motors is recommended. Gloves: Recommended to reduce skin contact, except where moving machinery parts expose fingers to hazards. Eye protection: Safety glasses recommended.

9. Physical and chemical properties

Colour: Straw to tan (moisture resistant boards may have green surface or core).

Density: 690 - 930 kg/m³

10. Stability and Reactivity

Product is stable. Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids. Avoid oxidising agents and drying oils. Keep away from sources of ignition.

11. Toxicological Information

Quantitative data on the toxicity of this product are not available. Chronic effects of skin contact with wood dust are not fully known and may vary.

12. Ecological Information

Quantitative data on the toxicity of this product are not available. Chronic effects of skin contact with wood dust are not fully known and may vary.

13. Disposal Conditions

The supplier can recycle the product. Recycling is the preferred route. If recycling is not possible the material should be sent for energy recovery. Landfill is not advised but can be used as a last resort. It is however the user's responsibility to ensure wastes are disposed of in accordance with all valid laws. European Waste Codes: 170201/030105.

14. Transport Information

No transport warning sign required.

15. Regulatory Information

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health (COSHH) regulations.

16. Additional Information

Wood dust from cutting operations, is a strong to severe explosion hazard if dust "cloud" contacts an ignition source. Partially burned dust is especially hazardous if dispersed in air. 212°F (100°C) has been suggested as the upper temperature limit for continuous exposure of wood without risk of ignition. (Wood dust may require still a lower temperature. White pine flour as "cloud" in air requires 0,04 j minimum energy for ignition and can produce an explosion pressure of 113 psig maximum (0,8 MPa).

EUROSPAN® boards are classified as Class 3 Surface Spread of Flame (BS 476). EURODEKOR® boards are classified as Class 2 Surface Spread of Flame (BS 476). For further information please view the Wood Panel Industry Federation (WPIF) web site www.wpif.org.uk for section 6 of the Panel Guide on Health & Safety.

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First Issue (06/11/2001) Revised (07/04/2004) to include European Waste Codes and updates to sections 1,2,5,9,13,16