

Egger (UK) Limited
MATERIAL SAFETY DATA SHEET



Eurospan & Eurodekor Particleboard

1. Product Information

Manufacturer/ Distributor Egger (UK) Limited
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Tradename/ Type Eurospan, Eurodekor, Weyroc, P2, P3, P4, P5, P6, P7
Uses Particle board for use in furniture and construction industries
Description Straw to tan coloured wood particleboard (some grades may have green core or surface)

2. Information on ingredients

Wood: 82 - 84%; Solid Resin: 8 - 10%; Water: 7%; Solid Paraffin Wax: 0.5%; Total Extractable Formaldehyde (CAS-No. 50-00-0): 0.008% max (Emission class 1) (Note: some construction products supplied are Class 2); Silica: <0.05%; Green Dye (solids) 0 - 0.01% (moisture resistant grades)

3. Hazards identification

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

4. First aid procedures

EYES: Irrigate with water. If discomfort persists obtain medical attention.
INHALATION: Remove from exposure. If discomfort persists seek medical attention.
SKIN: 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

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

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.
Eyes: Safety glasses recommended.

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9. Physical and chemical properties

Ignition temp of dust 100°C

Colour: Straw to tan (moisture resistant boards may have green surface or core).
Density: 560 - 720 kg/m³

10. Stability and reactivity

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 ecological impact of this product are not available. Adverse effects on the environment cannot be excluded but unlikely when handled, stored, and disposed of appropriately.

13. Disposal considerations

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 Code: 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 / comments

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