

MATERIAL SAFETY DATA SHEET

According to 1907/ 2006/ EC, Article 31

PG Bison SupaWood Medium Density Fibreboard

Application: Medium density fibreboard for use in furniture and construction industries.

1. Product Information

Supplier: PG Bison
Address: c/o Brakpan & Lonie Roads, Boksburg, Gauteng, 1459
Phone: 086 057 9196 / 086 010 9379
Fax: 011 897 5440
Type: SupaWood
Description: Medium density fibreboard conforming to SANS 540 – 1 : 1991

2. Hazards Identification

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

3. Information on Ingredients

Wood: 82 - 84%; Solid Resin: 8 - 10%; Water: 5 - 8%; Solid Paraffin Wax: 0.5%; Total Extractable Formaldehyde (CASNo. 50-00-0): 0.03% max (Emission class 2); Silica: <0.06%.

4. First Aid Measures

After inhalation: Remove from exposure. If discomfort persists seek medical attention.

After skin contact: Wash off with soap and water.

After eye contact: Irrigate with water. If discomfort persists obtain medical attention.

After swallowing: 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 and well ventilated area.

Note: In poorly ventilated areas, particularly under moist and warm conditions, small traces of formaldehyde may be emitted.

8. Exposure Controls/Personal Protection

<i>OEL Wood dusts:</i>	8 hour OEL 5mg/m ³ OEL Formaldehyde - 8 hour OEL 2 ppm (2.5 mg/m ³ STEL 15 minute 2 ppm (2.5 mg/m ³)
<i>Respirator:</i>	Approved respirator under dusty conditions recommended.
<i>Ventilation:</i>	<i>Local Exhaust:</i> 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.
<i>Gloves:</i>	Recommended to reduce skin contact, except where moving machinery parts expose fingers to hazards.

9. Physical and Chemical Properties

<i>Colour:</i>	Tan to Mid-Brown.
<i>Density:</i>	560 kg/m ³ - 830 kg/m ³
<i>Ignition Temperature of Dust:</i>	200° C

10. Stability and Reactivity

Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids. Avoid oxidizing 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

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 waste is disposed of in accordance with all valid laws.

14. Transport Information

No transport warning sign required.

15. Regulatory Information

Safety Health & Environmental Regulations Specific for the Product
- Occupational Health and Safety Act, No 85 of 1993 (South Africa)
- SANS 10234 Globally Harmonised Systems of classification and labelling of chemicals (GHS)

16. Additional Information

This data sheet has been compiled based on our present knowledge. It does not however constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Provisional note:

This Safety Data Sheet has been carefully drawn up to the best of our knowledge. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies. The content of this document should therefore not be considered as instructions for use or as legally binding.