



BANOVA

GROWN LIGHT · MADE STRONG

Material Safety Data Sheet for BANOVA

According to Regulation (EC) No. 1907/2006

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revised: 12.06.2013

1. Identification of substance / preparation and of the company

BANOVA Lightweight Panel / Bending Plywood

Use of substance / preparation : Lightweight Panels for interior and furniture

Company identification: Airex AG
5643 Sins, Switzerland
Tel +41 41 789 66 00
Fax +41 41 789 66 60

2. Hazards identification

BANOVA Lightweight Panel / Bending Plywood does not constitute any risk to public health and environment if it is used as intended. Fine wood dust is produced while sawing, milling, grinding and sanding. This dust can cause an explosion.

3. Composition / Information on ingredients

Peeled veneers made of balsa wood glued to panels.
1K-PU adhesive cured.

4. First aid measures

Inhalation of dust during processing: Move person to fresh air, obtain medical attention if irritation persists.
Inhalation of gases in case of fire: Move victim to fresh air and obtain medical attention.
Skin contact: Wash with soap and water.
Eye contact: Flush with water if irritation develops. If irritation persists consult a doctor.
Ingestion: No special measures required. In case of prolonged discomfort consult a doctor.

5. Fire-fighting measures

Specific hazards: Material is combustible, combustion products: carbon monoxide (CO), carbon dioxide (CO₂), traces of hydrocarbons.
Suitable extinguishing media: Foam, water spray, extinguishing powder, carbon dioxide.
Extinguishing media which must not be used: Direct water jet.

For firefighting respiratory apparatus and protective clothing should be worn.



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6. Accidental release measures	
No special measures required.	
7. Handling and storage	
Handling:	No special measures required. The formation and accumulation of dust is to be avoided.
Storage:	Avoid storage in the immediacy of ignition. We recommend storage at a dry place.
8. Exposure control / personal protection	
Exposure limit values:	During processing, current dust exposure limits must be complied with.
Exposure controls:	The use of gloves, protective goggles and dust masks and the use of dust extraction equipment is recommended for sawing, milling, grinding and sanding.
9. Physical and chemical properties	
Physical state / form:	Balsa wood with typical structure and texture
Colour:	Natural wood color (light to dark brown)
Melting temperature:	Material does not melt Decomposition temperature > 200 °C Flash ignition temperature 200 °C (ASTM D 1929)
Density:	150-240 kg/m ³ (ISO 845)
Solubility: Insoluble in:	Water (<1%), salt water (<1%), hydrocarbons or other organic compounds
Soluble in:	Strong acids and alkalis
10. Stability and reactivity	
General information:	Stable under normal conditions
Conditions to avoid:	High temperatures (>180 °C)
Materials to avoid:	Strong oxidising agents
Dangerous decomposition products:	Carbon monoxide (CO), carbon dioxide (CO ₂)



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11. Toxicological information

Toxicological tests:	No data known.
Experience with man:	Does not contain any materials which are known to stimulate allergic reactions. Grinding dust may cause irritation to people with sensitive skin.
Skin contact:	
Eye contact:	Dust may cause irritation.
Inhalation:	Dust may cause irritation of respiration tract.
Ingestion:	No known effect.

12. Ecological information

Ecotoxicity:	The total content of heavy metals is less than 10 mg/kg [ppm].
Mobility:	Not soluble in water, therefore effects on groundwater are unlikely.
Persistence and degradability:	Biodegradable by fungi and bacteria, natural wood product.

13. Disposal considerations

Subject to legislation by local authorities, the product can be disposed together with domestic refuse and industrial waste. Waste and residues can be incinerated in a plant equipped with flue gas washing, together with domestic waste.

14. Transport information

Railroad	RID	No restriction.
Road	ADR	No restriction.
Sea	IMDG Code	No restriction.
Air	ICAO-TI/IATA-DGR	No restriction.
UN-Classification		Not required.

15. Regulatory information

BANOVA Lightweight Panel / Bending Plywood does not require marking under the dangerous substances and preparation directives 67/548/EWG and 1999/45/EG.

16. Other information

This issue of the safety data sheet does not replace any other issue, since it is the first one. The information given in this material safety data sheet is accurate to the best of our knowledge, but without any guarantee. It is given in good faith based on the current state of knowledge and experience. It is issued in respect of safety requirements and does not purpose to provide information on the quality of the material.