

SAFETY DATA SHEET

Date of issue: 01/07/14

1 – Product and Company Identification

- **Product name:** Balsaflex[®]
- **Material identification:** End-grain balsa wood (hard tropical wood) core material.
- **Application of the product:** Structural core rigid or flexible panel.
- **Product description:** End-grain balsa wood rigid or flexible panel with fiberglass scrim fabric and with or without surface coating.
- **Supplier/Manufacturer:** GURIT Balsa S.L.
Av. Jaume I, 76, 4t 1a
17001 Girona
Spain Tel: +34 972 57 45 14

For additional information: Health, Safety and Environment department:
Email: christian.moreau@gurit.com

2 – Hazards Identification

- **Emergency overview:** Solid combustible material.
- **Hazardous designation:** Not classified hazardous under EU Directives.
- **Potential health effects:**
 - Eyes: Dust from machining operations on the product may cause irritation.
 - Skin: Mechanical abrasion may cause minor irritation.
 - Inhalation: Dust from machining operations may cause irritation to lung and upper respiratory tract.
 - Ingestion: No significant health effects can be reasonably anticipated if particles are swallowed.

3 – Composition/Information on Ingredients

Product contains no hazardous ingredients.

Description: Product is made of end-grain balsa hard tropical wood bonded with cured vinyl acetate adhesive. Trace levels of vinyl acetate vapour may be released when handling the product.
Product may have a scrim fiberglass fabric sheet and may also be coated with a cured thermoset polyester resin.

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4 – First Aid Measures

- **Eye contact:** If dust or particles become lodged in eyes, rinse immediately with plenty of water. If symptoms persist, consult a physician.
- **Skin contact:** No need for specific measures.
- **Inhalation:** If affected by dust, remove individual to fresh air. If condition persists, consult a physician.
- **Ingestion:** In case of persistent symptoms, consult a physician.

5 – Fire-Fighting Measures

- **Extinguishing media:** Water, foam, carbon dioxide or dry chemical fire extinguishers.
- **Special exposure hazards:** Formation of toxic gases will occur during a fire. Combustion by-products include but are not limited to carbon monoxide, carbon dioxide.
- **Protective equipment:** Wear fully protective suit with self contained breathing apparatus (SCBA) with a face-piece operated in positive pressure mode.

6 – Accidental Release Measures

- **Personal precautions:** No special instructions
- **Environmental precautions:** No special instructions
- **Measures for cleaning up:** Sweep up spilled material.

7 – Handling and Storage

- **Handling:** Wear appropriate personal protection when handling.

Machining operations which can produce dust should be properly fitted to a dust collection system. Prevent formation of dust that could create explosive atmospheres.

As a result of machining, wood dust where generated is a strong to severe explosion hazard if dust 'cloud' contacts an ignition source. Minimum explosive concentration in air for wood dust clouds may have to be evaluated.

Provide local exhaust ventilation during machining operations to control airborne contaminant exposure.

- **Storage:** Protect from open flames. Store this material according to the national or local Fire Code.

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8 – Exposure Controls / Personal Protection

• **Exposure limits :**

Ingredient name	OEL (TWA)
Inhalable hardwood dust	European Union : 5 mg/m ³

• **Engineering measures:** Provide general and local exhaust ventilation to control airborne contaminant.

• **Personal protection equipments:**

Eye protection: Wear safety glasses or goggles.

Skin protection: Wear general purpose gloves.

Respiratory protection: If ventilation is not adequate and excessive dust is generated, wear an approved respirator with particulate cartridge.

• **General measures:** Handle product with good industrial and safety practices.



9 – Physical and Chemical Properties

- **Physical state:** Solid
- **Color:** Ochre - white
- **Odor:** Nearly odorless
- **Flash point:** Not applicable
- **Melting point:** Not applicable
- **Boiling point:** Not applicable
- **Ignition temperature:** Not available, Product does not self-ignite.
- **Solubility in water:** Insoluble

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10 – Stability and Reactivity

- **Stability and reactivity:** This product is stable.
- **Conditions to avoid:** Do not expose to flame. Avoid ignition source along with dust cloud formed during machining operations.
- **Dangerous reaction:** No dangerous reactions known.
- **Incompatibility with other substances:** None
- **Hazardous decomposition products:** Decomposition products include but are not limited to carbon monoxide, carbon dioxide depending on condition of combustion.

11 – Toxicological Information

- **Acute effects:**
 - Eyes: Dust from machining operations may cause irritation to eyes.
 - Skin: Abrasive contact may cause minor irritation to skin.
 - Inhalation: Dust from machining operations may cause irritation to lung and upper respiratory tract.
 - **Sensitization:** No sensitizing effects known. However, wood dust may cause dermatitis on prolonged, repetitive contact and may cause respiratory sensitization.
 - **Chronic effects:** No known adverse chronic effects for this product in form provided. However, the International Agency for Research on Cancer (IARC) classifies wood dust as a carcinogen to humans. This classification is based primarily on IARC's evaluation of the nasal cavities evidence to associate with a specific cancer.
- Additional information:** Generation of dust should be minimized during machining of this product. When used and handled according to specifications, the product is not expected to cause any adverse effects.

12 – Ecological Information

- **Ecotoxicity data:** No data available
- **Persistence and biodegradability:** No data available
- **Mobility:** Particles will float on the water.

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13 – Disposal Consideration

- **Waste disposal:** This product is stable and not hazardous. Waste generator should review appropriate regulations.

14 – Transport Information

- **Regulatory status (UN; IMDG/IATA; ADR/RID):** Not regulated for transport

15 – Regulatory Information

- **Regulatory status under EU Directives :**
This product is not subject to classification under the Regulation on Classification, Labelling and Packaging of Substances and Mixtures. This product is considered by definition an article under REACH.
- **Risk and Safety Phrases :** Not applicable

16 – Other Information

- **References:** Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH 1907/2006/EC);
European Regulation on Classification, Labelling and Packaging of Substances and Mixtures (CLP);

- **Notice to the reader:**

To the best of our knowledge, the information contained herein is accurate at the date of its publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.