

**BALSA WOOD**  
**(Refer also to Auszac SDS for Wood Dust)**

<b>1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER</b>
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<b>Product Name</b>	Balsa Wood ( <i>Ochroma lagopus</i> , <i>O. pyramidale</i> )
<b>Article Number</b>	None allocated
<b>Other Names</b>	Balsa
<b>Product Use</b>	Structural core material, model making, craft items, surfboards.
<b>Company Name</b>	Auszac Pty Ltd
<b>Address</b>	11 Emanuel Court Melrose Park South Australia 5039 Australia
<b>Telephone Number</b>	+61 8 8276 4122
<b>Emergency Telephone</b>	+61 8 8276 4122

<b>2. HAZARDS IDENTIFICATION</b>
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Balsa is classified as **NON HAZARDOUS** according to the criteria of Safe Work Australia.  
Balsa is classified as **NOT DANGEROUS** according to the Australian Dangerous Goods Code.

**Risk Phrases:**

- R36 Irritating to eyes.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.

**Safety Phrases:**

- S16 Keep away from sources of ignition.
- S22 Do not breathe dust.
- S25 Avoid contact with eyes
- S39 Wear eye / face protection.

<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>
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<b>Ingredient (common name)</b>	Balsa Wood
<b>CAS Number</b>	None allocated
<b>Proportion of Ingredients</b>	100%

## 4. FIRST AID MEASURES

- Inhalation** Balsa Wood in its solid state does not present an inhalation risk.
- Ingestion** Balsa Wood in its solid state does not present an ingestion risk.
- Skin** Balsa Wood can be an irritant to the skin. Wash skin with soap and water. If irritation persists, seek medical attention.
- Eyes** Rubbing the eyes after handling Balsa Wood may cause eye irritation. Irrigate eyes with water, lifting lower and upper eyelids. If irritation persists, seek medical attention.

## 5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media** **Balsa Wood is a combustible, fast burning material**  
Smother flames with water, dry chemical, or CO2. Balsa will smoulder unless fully extinguished.
- Precautions for Fire Fighters** Wood dust is a strong to severe explosion hazard if a dust “cloud” contacts an ignition source. Wear protective clothing and self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

### Methods for Containment and Cleanup

There are no specific containment or cleanup measures required for Balsa Wood in its solid state. Any resultant dust should be wet-swept or vacuumed. Face mask protection is recommended to avoid inhaling dust.

## 7. HANDLING AND STORAGE

- Storage** Store in a dry place.
- Handling** Gloves are recommended when handling rough-sawn Balsa Wood; otherwise, no special handling requirements.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Standard**  
(Safe Work Australia) ES-TWA: No known limits  
ES-STEL: No known limits
- Engineering Controls** Ensure adequate ventilation and/or dust extraction when working with balsa wood and when dust is created.
- Personal Protection**  
Respiratory Protection Not required when handling Balsa Wood that is not being processed. Wear a face mask when working with balsa wood and where dust is created.

Body Protection	Clothing that covers all limbs is recommended to avoid possible skin irritation. Clean skin thoroughly after work.
Eye protection	Wear safety glasses when working with balsa wood.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Balsa is classified as a hardwood. It is a white to light brown coloured wood. The grain of the wood is soft to the touch.
Odour	None
Vapour Pressure	Not applicable
Density at 20 °C	60 - 250kg/m <sup>3</sup>
Freezing / Melting point	Not applicable
pH	Not applicable
Solubility	Insoluble
Specific Gravity	0.05 to 0.25
Flash Point	No Information available
Flammable Limits	No LEL / HEL limits determined
Ignition Temperature	>200 °C

## 10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, organic acids, traces of hydrocarbons.
Hazardous Reactions	None known Wood dust may pose a strong to severe explosion hazard if a cloud of wood dust comes into contact with an ignition source.
Incompatible Materials	Strong oxidizers may cause wood to ignite.
Conditions to Avoid	Keep away from flame, heat and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

Toxicity Studies	No information available; generally considered to be non-toxic
Routes of Exposure	Inhalation, Ingestion, Eyes, Skin
Health Effects from Likely Routes of Exposure	<u>Inhalation</u> : No information available. Unlikely to occur.  <u>Ingestion</u> : No information available. Unlikely to occur.

**Eyes:** Contact with eyes (usually caused by rubbing eyes with hands) may cause dryness, irritation, redness, and tearing.

**Skin:** May irritate skin.

**Medical Conditions Generally Aggravated by Exposure** None known for Balsa Wood that is not subjected to processing.

**Effects of Overexposure** No information available. Unlikely to occur.

**Carcinogenicity** No information available. Unlikely to occur through general handling of Balsa Wood.

**Refer to Auszac SDS for Wood Dust for carcinogenicity information.**

**Birth Defect Information** No information available.

**Reproduction information** No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Not toxic to the environment.

**Persistence / Degradability** Natural material, biodegradable.

**Mobility** No information available

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods and Containers** Dispose of at designated landfill or incinerate. No special containerisation required.

**Special precautions for landfill or incineration** Requires no special handling or precautions.

## 14. TRANSPORT INFORMATION

Not classified as dangerous by the Australian Dangerous Goods Code. Unless required by other regulations, there are no special transport requirements.

**UN Number** Not allocated

**Proper Shipping Name** Balsa Wood

**Dangerous Goods Class** Not Applicable

**Hazchem Code** Not Applicable

**Packing Group** Not Applicable

**Special Precautions** None

## 15. REGULATORY INFORMATION

None known. Balsa Wood is not a CITES listed wood.

## 16. OTHER INFORMATION

**This Revision of SDS:** Rev 2 (10-Mar-2022)  
**Prepared by:** Auszac Pty Ltd [www.auszac.com.au](http://www.auszac.com.au)

### Abbreviations Used:

SDS	Safety Data Sheet (formerly Material Safety Data Sheet)
ES-STEL	Exposure standard - short term exposure limit
ES-TWA	Exposure standard - time weighted average
LEL	Lower Explosive Limit
UEL	Upper Explosive Limit

## 17. EMERGENCY CONTACTS

<b>Auszac Pty Ltd</b>	+61 8 8276 4122
<b>Police, Fire, Ambulance</b>	000 (within Australia)
<b>Poisons Information Centre</b>	13 11 26 (within Australia)

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