

# Global Ventures Australia

ABN 77 065 255 763

## Eco-Core Falcata Blockboard with MDF Faces

### MATERIAL SAFETY DATA SHEET

Issue Date: 09.2017

Initial Date: 06.2016

#### SECTION 1 PRODUCT IDENTIFICATION

##### Product Identification

<b>Product Name</b>	Eco-Core Falcata Blockboard, single, triple core, MDF Faces
<b>Timber Species</b>	Albasia Falcata (non-formaldehyde bonded wood-based panels)

##### Details of the Company

<b>Company Name</b>	Global Ventures Australia Pty Ltd
<b>Address</b>	Unit 13 / 22 Beaumont Road Mount Kuring Gai NSW 2080 Australia
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<b>Email</b>	enquiries@globalventures.com.au

#### SECTION 2 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and Odour</b>	Beige for inner core (light to dark tan, yellowish-red) brown outer faces, Wood and resin odour
<b>Physical State</b>	Solid
<b>Boiling Point</b>	Not applicable
<b>PH</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Solubility in Water</b>	Not applicable
<b>Water</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Specific Gravity</b>	<1.0
<b>Strength limit of breaking</b>	Statistical kiln-dry (8-12% moisture) strength at the time of breaking is 526 Kg/cm <sup>2</sup>
<b>Modulus Elasticity</b>	(x 1000 Kg/cm <sup>2</sup> ) 44.5
<b>Compressive Strength</b>	parallel to the direction of the wood fibre of 149.39 Kg/cm <sup>2</sup>
<b>Flexural Strength</b>	175.36 Kg/cm
<b>Average Density</b>	Approximately 350-450 Kg/m <sup>3</sup> (dependent on thickness and overlay.) Density of the Falcata Core (without an overlay) is approximately 225-300 Kg/m <sup>3</sup>
<b>Formaldehyde Emission Class</b>	Formaldehyde Emission Rate: 0.046 mg/m <sup>2</sup> /hr Total Volatile Organic Compound Emission Rate: 0.006 mg/m <sup>2</sup> /hr 4-phenylcyclohexene Emission Rate: <0.003 mg/m <sup>2</sup> /hr

## SECTION 3 HAZARDS IDENTIFICATION

Component	%Wt
Urea-Formaldehyde resin (*)	None

### Potential Health Effects

<b>Formaldehyde Emission Class</b>	Formaldehyde Emission Rate: 0.046 mg/m <sup>2</sup> /hr Total Volatile Organic Compound Emission Rate: 0.006 mg/m <sup>2</sup> /hr 4-phenylcyclohexene Emission Rate: <0.003 mg/m <sup>2</sup> /hr
<b>Inhalation</b>	Dust may cause nasal dryness, irritation and coughing.
<b>Eye Contact</b>	Dust can cause mechanical irritation.
<b>Skin Contact</b>	Dust may evoke allergic contact dermatitis in sensitized individuals. If an allergy pre-exists or develops, it may be necessary to remove the sensitized worker from further exposure.
<b>Ingestion</b>	Not applicable under normal conditions of use

According to present law, the product is not hazardous. Formaldehyde emissions and wood dust produced by further fabrication may be hazardous. User must adjust machinery according to present law.

## SECTION 4 FIRST AID MEASURES

<b>Inhalation</b>	Remove to fresh air. If persistent irritation, severe coughing or breathing difficulty occurs, seek medical attention.
<b>Eye Contact</b>	Remove contact lenses. Flush eyes, including under eyelids, with substantial amounts of water. If irritation persists, seek medical attention.
<b>Skin Contact</b>	Wash affected areas with soap and water. If rash or persistent irritation or dermatitis occurs, seek medical attention.
<b>Ingestion</b>	Not applicable under normal conditions of use

## SECTION 5 FIRE FIGHTING MEASURES

<b>Flash Point</b>	information pending fire test
<b>Explosion Hazard</b>	Product does not present an explosion hazard
<b>Fire Extinguishing Media</b>	Water, carbon dioxide, foam
<b>Combustion products</b>	Non-toxic fumes
<b>Auto Ignition Temperature</b>	information pending fire test

## SECTION 6 ACCIDENTAL RELEASE MEASURE

Not applicable for product in purchased form. Sweep or vacuum dust for recovery on disposal. Dust clean-up and disposal activities should be accomplished in a manner to minimize creation of airborne dust.

## SECTION 7 HANDLING AND STORAGE

<b>Handling</b>	Provide adequate ventilation and avoid dusty conditions. Wear protective gloves, glasses and dust mask.
<b>Storage</b>	Should be stored flat in a clean, dry environment away from water/moisture/humidity, dust and should not be subjected to extreme temperatures or direct sunlight. Water spray may be used to wet down dust generated by sawing, sanding or machining to reduce the likelihood of ignition or dispersion of dust into the air. Machinery used in further fabrication must have a dust aspiration system, according to present law.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Controls</b>	Provide adequate ventilation and exhaust as necessary to meet law requirements for formaldehyde and wood dust exposures
<b>Respiratory Protection</b>	Wear NIOSH/OSHA approved respirator when the exposure limits to dust may be exceeded.
<b>Eye Protection</b>	Recommended goggles or safety glasses as conditions indicate when sawing, sanding or machining plywood products.
<b>Skin Protection</b>	Protective equipment such as gloves and outer garments may be needed to reduce skin contact. Following are dust exposure limits, which are in accordance with those recommended by OSHA in the 1989 revision of PELs. <b>Wood Dust</b> OSHA PEL-TWA – 5mg/m3 OSHA PEL-STEL – 10mg/m3

## SECTION 9 STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Dust generated from sawing, sanding or machining the product is combustible. Keep in cool dry place away from ignition sources. High relative humidity causes product swelling and long exposure to direct sunlight causes product degradation.

## SECTION 10 TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Dust may cause nasal dryness, irritation and coughing.
<b>Eye Contact</b>	Dust can cause mechanical irritation.
<b>Skin Contact</b>	Dust may evoke allergic contact dermatitis in sensitized individuals. If an allergy pre-exists or develops, it may be necessary to remove the sensitized worker from further exposure.
<b>Ingestion</b>	Not applicable under normal conditions of use
<b>Emission</b>	see above

## SECTION 11 DISPOSAL CONSIDERATION

Do not waste in the environment. State and local requirements for waste disposal may be different from federal regulations.

## SECTION 12 TRANSPORT INFORMATION

Product does not need special transportation.  
Verify that load is well fixed and stable during transportation.  
Cover load to avoid contact with rain or humidity and direct sunlight.

## SECTION 13 REGULATORY INFORMATION

	Present law does not require product labelling. This MSDS has been prepared according to CEE directive 155/ 1991. It is the responsibility of the user to comply with local, regional, state regulations concerning safety and environment.
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## SECTION 14 OTHER INFORMATION

**IMPORTANT:** The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. The manufacturer and its subsidiaries make no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. The manufacturer and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.