

Product Name AUSTRAL PLYWOOD

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier name AUSTRAL PLYWOODS PTY LTD  
Address 1 Curzon Street, Tennyson, QLD, 4105, AUSTRALIA  
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Emergency 13 11 26  
Email [info@australply.com.au](mailto:info@australply.com.au)  
Web site <http://www.australply.com.au/>  
Synonym(s) "AUSTRAL" EXTERIOR PLYWOOD • "AUSTRAL" INTERIOR PLYWOOD • "AUSTRAL" MARINE PLYWOOD • "AUSTRAL" STRUCTURAL PLYWOOD  
Use(s) BUILDING APPLICATIONS  
SDS date 05 May 2014

**2. HAZARDS IDENTIFICATION**

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

Risk Phrases

None allocated

Safety Phrases

None allocated

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN Number	None Allocated	Transport Hazard Class	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredient	Identification	Classification	Content
WOOD	Not Available	Not Available	>92%
MELAMINE/UREA/FORMALDEHYDE RESIN	CAS: 25036-13-9 EC: 607-497-9	Not Available	<8%
PHENOL, POLYMER WITH FORMALDEHYDE, SODIUM SALT	CAS: 40798-65-0	Not Available	<8%
UREA-FORMALDEHYDE RESIN	CAS: 9011-05-6	Not Available	<8%

Ingredient notes

The above ingredients are bonded together under heat and pressure. The process cures the resin. However, small amounts of formaldehyde may be released from the finished product. In newly manufactured plywood, which is the worst case scenario, formaldehyde emission has been measured in the range 0.03-0.05ppm using the large scale test chamber method.

**4. FIRST AID MEASURES**

**Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running

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**Ingestion** water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

**Advice to doctor** Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

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**Flammability** Combustible. May evolve toxic gases (carbon/ nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition.

**Fire and explosion** Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing** Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways.

**Hazchem code** None Allocated

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions** Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.

**Environmental precautions** Prevent product from entering drains and waterways.

**Methods of cleaning up** If spilt, collect and reuse where possible.

**References** See Sections 8 and 13 for exposure controls and disposal.

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**7. STORAGE AND HANDLING**

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**Storage** Store in a cool, dry area.

**Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure standards**

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Formaldehyde	SWA (AUS)	1	1.2	2	2.5
Wood dust (certain hardwoods such as beech & oak)	SWA (AUS)	--	1	--	--
Wood dust (soft wood)	SWA (AUS)	--	5	--	10

**Biological limits** No biological limit allocated.

**Engineering controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

**PPE**

**Eye / Face** Not required under normal conditions of use.

**Hands** Wear leather gloves.

**Body** Not required under normal conditions of use.

**Respiratory** Not required under normal conditions of use.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	SOLID PRESSED BOARDS
Odour	ODOURLESS
Flammability	COMBUSTIBLE
Flash point	NOT AVAILABLE
Boiling point	NOT AVAILABLE
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT AVAILABLE
Vapour density	NOT AVAILABLE
Specific gravity	0.50 to 1.00
Solubility (water)	INSOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	NOT AVAILABLE
Lower explosion limit	NOT AVAILABLE
Partition coefficient	NOT AVAILABLE
Autoignition temperature	> 220°C
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
Odour threshold	NOT AVAILABLE

**10. STABILITY AND REACTIVITY**

Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Compatible with most commonly used materials.
Hazardous Decomposition Products	May evolve toxic gases (carbon/ nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

**11. TOXICOLOGICAL INFORMATION**

Health Hazard Summary	May be harmful. Use safe work practices to avoid eye or skin contact and inhalation. This product is bonded by formaldehyde resin and formaldehyde may be released during machining. Product may also release small quantities (<0.01%) of formaldehyde in gaseous form that may dissipate over time.														
Eye	Adverse health effects associated with over exposure formaldehyde are not anticipated due to the product form and its low concentration. Formaldehyde is a skin sensitiser, and is classified as a confirmed human carcinogen (IARC Group 1). Due to product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if dust is generated. Contact may result in mechanical irritation.														
Inhalation	Exposure considered unlikely. An inhalation hazard is not anticipated unless cut, drilled or sanded with dust generation, which may result in irritation of the nose and throat. If heated, over exposure to fumes may result in irritation of the nose and throat, with nausea and headache. Formaldehyde is classified as a confirmed human carcinogen (IARC Group 1) and respiratory sensitiser. Inhalation of wood dust, both hardwood and softwood, may increase the risk of nasal and paranasal sinus cancers.														
Skin	Low irritant. Prolonged or repeated exposure to dust may result in mild irritation. May cause sensitisation by skin contact.														
Ingestion	Ingestion is considered unlikely due to product form.														
Toxicity data	PHENOL, POLYMER WITH FORMALDEHYDE, SODIUM SALT (40798-65-0) <table> <tr><td>LC50 (inhalation)</td><td>74 mg/m<sup>3</sup> (mammal-phenol)</td></tr> <tr><td>LD50 (ingestion)</td><td>42 mg/kg-rat (Formaldehyde)</td></tr> <tr><td>LD50 (skin)</td><td>669 mg/kg - rat</td></tr> <tr><td>LDLo (ingestion)</td><td>10 mg/kg-infant (phenol)</td></tr> <tr><td>TCLo (inhalation)</td><td>14300 ppb/6H/2Y-I mse(FORM)</td></tr> <tr><td>TDLo (ingestion)</td><td>300mg/kg(6-15Dpreg-rat) (FORM)</td></tr> <tr><td>TDLo (skin)</td><td>4 g/kg/24W-mse (tumors-Phenol)</td></tr> </table>	LC50 (inhalation)	74 mg/m <sup>3</sup> (mammal-phenol)	LD50 (ingestion)	42 mg/kg-rat (Formaldehyde)	LD50 (skin)	669 mg/kg - rat	LDLo (ingestion)	10 mg/kg-infant (phenol)	TCLo (inhalation)	14300 ppb/6H/2Y-I mse(FORM)	TDLo (ingestion)	300mg/kg(6-15Dpreg-rat) (FORM)	TDLo (skin)	4 g/kg/24W-mse (tumors-Phenol)
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**12. ECOLOGICAL INFORMATION**

<b>Toxicity</b>	No information provided.
<b>Persistence and degradability</b>	No information provided.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	No information provided.
<b>Other adverse effects</b>	No information provided.

**13. DISPOSAL CONSIDERATIONS**

<b>Waste disposal</b>	Reuse where possible. Off-cuts and general waste material should be placed in containers and disposed of at approved landfill sites, or burnt in an approved furnace or incinerator, in accordance with disposal authority guidelines. Wood dust should be cleaned up by vacuuming or wet sweeping.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION****NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

	<b>LAND TRANSPORT (ADG)</b>	<b>SEA TRANSPORT (IMDG / IMO)</b>	<b>AIR TRANSPORT (IATA / ICAO)</b>
<b>UN Number</b>	None Allocated	None Allocated	None Allocated
<b>Proper Shipping Name</b>	None Allocated	None Allocated	None Allocated
<b>Transport Hazard Class</b>	None Allocated	None Allocated	None Allocated
<b>Packing Group</b>	None Allocated	None Allocated	None Allocated

<b>Environmental hazards</b>	No information provided
<b>Special precautions for user</b>	
<b>Hazchem code</b>	None Allocated

**15. REGULATORY INFORMATION**

<b>Poison schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Inventory Listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.

**16. OTHER INFORMATION**

<b>Additional information</b>	<p><b>RESPIRATORS:</b> In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.</p> <p><b>COMBUSTIBLE - EXPLOSIVE CARBONACEOUS DUST:</b> Carbonaceous/organic dusts have the potential, with dispersion, to present an explosion hazard if an ignition source exists. All equipment used to handle, transfer or store this product <b>MUST BE</b> cleaned thoroughly prior to cutting, welding, drilling or exposure to any other form of heat or ignition sources. If bulk stored, containers should be ventilated on a routine basis to avoid vapour accumulation (where applicable, eg for flocculants).</p>
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**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	EC No - European Community Number
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m <sup>3</sup>	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

**Revision history**

Revision	Description
1.0	Initial SDS Creation

**Report status**

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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**End of SDS**