SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier
Product name: AUSTRAL PLYWOOD
Synonym(s): "AUSTRAL" EXTERIOR PLYWOOD ● "AUSTRAL" INTERIOR PLYWOOD ● "AUSTRAL" MARINE PLYWOOD ● "AUSTRAL" STRUCTURAL PLYWOOD

1.2 Uses and uses advised against
Use(s): BUILDING APPLICATIONS

1.3 Details of the supplier of the product
Supplier name: AUSTRAL PLYWOODS PTY LTD
Address: 1 Curzon St, Tennyson, QLD, 4105, AUSTRALIA
Telephone: +61 7 3426 8600
Email: info@australply.com.au
Website: http://www.australply.com.au

1.4 Emergency telephone number(s)
Emergency: 13 11 26

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

2.2 Label elements
No signal word, pictograms, hazard or precautionary statements have been allocated.

2.3 Other hazards
No information provided.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>EC Number</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOD</td>
<td>-</td>
<td>-</td>
<td>&gt;92%</td>
</tr>
<tr>
<td>MELAMINE/UREA/FORMALDEHYDE RESIN</td>
<td>25036-13-9</td>
<td>607-497-9</td>
<td>&lt;8%</td>
</tr>
<tr>
<td>PHENOL, POLYMER WITH FORMALDEHYDE, SODIUM SALT</td>
<td>40798-65-0</td>
<td>-</td>
<td>&lt;8%</td>
</tr>
<tr>
<td>UREA-FORMALDEHYDE RESIN</td>
<td>9011-05-6</td>
<td>-</td>
<td>&lt;8%</td>
</tr>
</tbody>
</table>

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

4.1 Description of 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.
**PRODUCT NAME** AUSTRAL PLYWOOD

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 water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion  For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

First aid facilities  None allocated.

4.2 **Most important symptoms and effects, both acute and delayed**

See Section 11 for more detailed information on health effects and symptoms.

4.3 **Immediate medical attention and special treatment needed**

Treat symptomatically.

5. **FIRE FIGHTING MEASURES**

5.1 **Extinguishing media**

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

5.2 **Special hazards arising from the substance or mixture**

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

5.3 **Advice for firefighters**

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.

5.4 **Hazchem code**

None allocated.

6. **ACCIDENTAL RELEASE MEASURES**

6.1 **Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 **Environmental precautions**

Prevent product from entering drains and waterways.

6.3 **Methods of cleaning up**

If spill, collect and reuse where possible.

6.4 **Reference to other sections**

See Sections 8 and 13 for exposure controls and disposal.

7. **HANDLING AND STORAGE**

7.1 **Precautions for safe 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.

7.2 **Conditions for safe storage, including any incompatibilities**

Store in a cool, dry area.

7.3 **Specific end use(s)**

No information provided.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

### Exposure standards

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Reference</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>SWA (AUS)</td>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>Wood dust (certain hardwoods such as beech &amp; oak)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>1</td>
</tr>
<tr>
<td>Wood dust (soft wood)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>5</td>
</tr>
</tbody>
</table>

### Biological limits

No biological limit values have been entered for this product.

8.2 Exposure 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.

#### Engineering controls

- **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

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>SOLID PRESSED BOARDS</td>
</tr>
<tr>
<td>Odour</td>
<td>ODOURLESS</td>
</tr>
<tr>
<td>Flammmability</td>
<td>COMBUSTIBLE</td>
</tr>
<tr>
<td>Flash point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Boiling point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Melting point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>pH</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour density</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.50 to 1.00</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>INSOLUBLE</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>&gt; 220°C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>NOT AVAILABLE</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.
10.2 Chemical stability
Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions
Polymerization is not expected to occur.

10.4 Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials
Compatible with most commonly used materials.

10.6 Hazardous decomposition products
May evolve toxic gases (carbon/ nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
This product is generally considered to be of low toxicity, however over exposure to dust should be avoided.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral Toxicity (LD50)</th>
<th>Dermal Toxicity (LD50)</th>
<th>Inhalation Toxicity (LC50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENOL, POLYMER WITH FORMALDEHYDE, SODIUM SALT</td>
<td>42 mg/kg-rat</td>
<td>669 mg/kg - rat</td>
<td>74 mg/m³</td>
</tr>
</tbody>
</table>

Skin
Not classified as a skin irritant. However, if dust is generated, over exposure may result in mild irritation, rash and dermatitis.

Eye
Not classified as an eye irritant. However, dusts (if generated) may be abrasive and irritating to the eyes.

Sensitisation
Not classified as causing skin or respiratory sensitisation. May contain traces of residual formaldehyde which is classified as a skin sensitiser.

Mutagenicity
Not classified as a mutagen.

Carcinogenicity
Not classified as a carcinogen. May contain traces of residual formaldehyde which is classified as carcinogenic to humans (IARC Group 1).

Reproductive
Not classified as a reproductive toxin.

STOT - single exposure
Over exposure to dust (if generated) may result in irritation of the nose and throat, with coughing. High level exposure may result in breathing difficulties.

STOT - repeated exposure
Not classified as causing organ damage from repeated exposure. Dust inhalation is not expected due to product form. However, if dust is created, chronic exposure to high dust levels occurs may result in pneumoconiosis.

Aspiration
Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No information provided.

12.2 Persistence and degradability
No information provided.

12.3 Bioaccumulative potential
No information provided.

12.4 Mobility in soil
No information provided.

12.5 Other adverse effects
No information provided.

13. DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods

Waste disposal
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.

Legislation
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

<table>
<thead>
<tr>
<th></th>
<th>LAND TRANSPORT (ADG)</th>
<th>SEA TRANSPORT (IMDG / IMO)</th>
<th>AIR TRANSPORT (IATA / ICAO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN Number</td>
<td>None allocated.</td>
<td>None allocated.</td>
<td>None allocated.</td>
</tr>
<tr>
<td>14.2 Proper Shipping Name</td>
<td>None allocated.</td>
<td>None allocated.</td>
<td>None allocated.</td>
</tr>
<tr>
<td>14.3 Transport hazard class</td>
<td>None allocated.</td>
<td>None allocated.</td>
<td>None allocated.</td>
</tr>
<tr>
<td>14.4 Packing Group</td>
<td>None allocated.</td>
<td>None allocated.</td>
<td>None allocated.</td>
</tr>
</tbody>
</table>

14.5 Environmental hazards
No information provided.

14.6 Special precautions for user

Hazchem code
None allocated.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison schedule
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).

Classifications
Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].

Hazard codes
None allocated.

Risk phrases
None allocated.

Safety phrases
None allocated.

Inventory listing(s)
AUSTRALIA: AICS (Australian Inventory of Chemical Substances)
All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information
RESPIRATORS: 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.

COMBUSTIBLE - EXPLOSIVE CARBONACEOUS DUST: 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 MUST BE 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).
PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, 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: form of product; 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 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
EMS Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS Globally Harmonized System
GTEPG Group Text Emergency Procedure Guide
IARC International Agency for Research on Cancer
LC50 Lethal Concentration, 50% / Median Lethal Concentration
LD50 Lethal Dose, 50% / Median Lethal Dose
mg/m³ Milligrams per Cubic Metre
OEL Occupational Exposure Limit
pH relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm Parts Per Million
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

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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