

# STRUCTAflor Particleboard Flooring

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                |   |
|----------------|---|
| Supplier Name: | Australian Panel Products   |
| Address:       | 2 Wella Way, Somersby, NSW, Australia, 2250   |
| Telephone:     | 1 300 300 547 / 02 4340 9800  |
| Facsimile:     | 1 300 320 547 / 02 4340 5841  |
| Emergency:     | 1 300 300 547   |
| Synonyms:      | Bluetongue   Redtongue   SquareEdge Structaflor   Structaflor   Structaflor Bluetongue   Structaflor Redtongue   Structaflor SquareEdge   Structaflor Yellowtongue   Yellowtongue |
| Use:           | Flooring  |

## 2. HAZARD IDENTIFICATION

Not classified as hazardous according to Safe Work Australia Criteria.

|                              |                |
|------------------------------|----------------|
| UN Number:                   | None Allocated |
| Hazchem Code:                | None Allocated |
| Packing Group:               | None Allocated |
| Emergency Response Guide No. | None Allocated |
| Transport Hazard Class:      | None Allocated |

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

| Ingredient                       | EC            | CAS No.       | Content   |
|----------------------------------|---------------|---------------|-----------|
| Paraffin Wax                     | 232-315-6     | 8002-74-2     | <2%       |
| Softwood(s)                      | Not Available | Not Available | >70%      |
| Melamine/Urea/Formaldehyde Resin | 607-497-9     | 25036-13-9    | <16%      |
| Mimosa, Extract                  | 297-646-0     | 93685-96-2    | <16%      |
| Moisture                         | Not Available | Not Available | 5 to 13%  |
| Polypropylene                    | 618-352-4     | 9003-07-0     | <0.4%     |
| Ethylene Propylene Copolymer     | 618-455-4     | 9010-79-1     | <0.3%     |
| Additive(s)                      | Not Available | Not Available | Remainder |

## 4. FIRST AID MEASURES

|                  |  |
|------------------|--|
| Ingestion        | 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.                               |
| 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.                 |
| 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. |
| Inhalation       | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.  |
| Advice to Doctor | Treat symptomatically  |

**5. FIRE FIGHTING MEASURES**

|                           |  |
|---------------------------|--|
| <b>Flammability</b>       | Combustible. May evolve toxic gases (carbon/nitrogen oxides, ammonia, formaldehyde, hydrocarbons) when heated to decomposition. May evolve hydrogen cyanide gas when heated to decomposition.  |
| <b>Fire and explosion</b> | Dry wood dust in high concentrations-in-air and at the temperatures > 204 °C (>40g of dust per m <sup>3</sup> of air) may spontaneously explode. 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 waterfod to cool intact containers and nearby storage areas. |
| <b>Extinguishing</b>      | Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways.  |

**6. ACCIDENTAL RELEASE MEASURES**

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Wear Personal Protective Equipment (PPE) as detailed in Section 8. |
| <b>Environmental Precautions</b> | Prevent product from entering drains and waterways.                |
| <b>Methods of cleaning up</b>    | If spilt, collect and reuse where possible.                        |
| <b>References</b>                | See Sections 8 and 13 for exposure controls and disposal           |

**7. STORAGE AND HANDLING**

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store in a cool,dry area.  |
| <b>Handling</b> | 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 area. |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure Standards:

|                            | TWA                |                   | STEL |                   | NOTICES |
|----------------------------|--------------------|-------------------|------|-------------------|---------|
|                            | ppm                | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |         |
| Diacetone alcohol 123-42-2 | 50                 | 238               | -    | -                 | -       |
| Ethyl acetate 141-78-6     | 200                | 720               | 400  | 1440              | -       |
| n-Butyl alcohol 71-36-3    | 50 peak limitation | 152               | -    | -                 | Sk      |
|                            |                    | Peak limitation   |      |                   |         |
| Toluene 108-88-3           | 50                 | 191               | 150  | 574               | Sk      |

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|   |   |
|---|---|
| <b>TWA</b>                              | The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. |
| <b>STEL (Short Term Exposure Limit)</b> | The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.   |
| <b>'Sk' Notice</b>                      | Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.   |

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as a fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standards. The standard was created for workers who are routinely, potentially exposed during product manufacture.

|                                      |  |
|--------------------------------------|--|
| <b>Biological Limit Values</b>       | As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.   |
| <b>Engineering Measures</b>          | Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.   |
| <b>Personal Protection Equipment</b> | Wear safety shoes, overalls, gloves, chemical goggles, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |
| <b>Hygiene Measures</b>              | Keep away from food, drink and animal feeding stuffs. When using do not eat, drink, or smoke. Wash hands prior to eating, drinking, or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to thre workstation location.   |
| <b>Respiratory Protection</b>        | A class P1 or P2 replaceable filter or disposable half face-piece particulates respirator should be worn when machining. Respirators should comply with AS/NZS 1716 and be selected, used and maintained in accordance with AS/NZS 1715.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |                               |
|---------------------------------|-------------------------------|
| Form                            | Liquid                        |
| Colour                          | Various                       |
| Odour                           | Characteristic paint thinners |
| Solubility                      | Not Available                 |
| Specific Gravity (20°C)         | 0.85-0.97                     |
| Relative Vapour Density (air=1) | > 1                           |
| Vapour Pressure (20°C)          | Not Available                 |
| Flash Point (°C)                | Approx. 40                    |
| Flammability Limits (%)         | Not Available                 |
| Autoignition Temperature (°C)   | Not Available                 |
| Melting Point/Range (°C)        | Not Available                 |
| Boiling Point/Range (°C)        | Not Available                 |
| pH                              | Not Applicable                |
| Viscosity                       | Not Available                 |
| Total VOC (g/Litre)             | Not Available                 |

## 10. STABILITY AND REACTIVITY

|                                  |   |
|----------------------------------|---|
| Chemical Stability               | This material is thermally stable when stored and used as directed. |
| Conditions to Avoid              | Elevated temperatures and sources of ignition.                      |
| Incompatible Materials           | Oxidising agents.   |
| Hazardous Decomposition Products | Oxides of carbon and nitrogen, smoke and other toxic fumes.         |
| Hazardous Reactions              | No known hazardous reactions.                                       |

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

|  |   |
|--|---|
| <b>Acute Effects</b>                             |   |
| Inhalation                                       | Material is an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. |
| Skin Contact                                     | Contact with skin may result in irritation.   |
| Ingestion  | Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.  |
| Eye Contact                                      | An eye irritant.  |
| <b>Acute Toxicity</b>                            |   |
| Inhalation                                       | This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20mg/L   |
| Skin Contact                                     | This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2000mg/Kg  |
| Ingestion  | This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2000mg/Kg  |
| Corrosion/Irritancy                              | Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to the skin.  |
| Sensitisation                                    | Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.  |
| Aspiration Hazard                                | This material has been classified as Aspiration Hazard - Category 1   |
| Specific target organ toxicity (single exposure) | This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation. This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.   |
| <b>Chronic Toxicity</b>                          |   |
| Mutagenicity                                     | This material has been classified as non-hazardous.   |
| Carcinogenicity                                  | This material has been classified as non-hazardous.   |
| Reproductive toxicity (including via lactation)  | This material has been classified as a Category 1B Hazard.  |
| Specific target organ toxicity (repeat exposure) | This material has been classified as a Category 2 Hazard.   |

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

|                                      |  |
|--------------------------------------|--|
| <b>Acute aquatic hazard</b>          | This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100mg/L   |
| <b>Long-term aquatic hazard</b>      | This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available. OR in the absence of chronic toxicity data, acute toxicity estimate (based on ingredients): >100mg/L, where the substance is not rapidly degradable and/or BCF <500 and/or log Kow<4 |
| <b>Ecotoxicity</b>                   | No information available.  |
| <b>Persistence and degradability</b> | No information available.  |
| <b>Bioaccumulative potential</b>     | No information available.  |
| <b>Mobility</b>                      | No information available.  |

### 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail" and the New Zealand NZS5433: Transport of Dangerous Goods on Land.

**Segregation Dangerous Goods:** Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

### 15. REGULATORY INFORMATION

**HSNO Group Standard** Surface Coatings and Colourants (Flammable) Group Standard 2006: HSR002662

**This material is not subject to the following international agreements** Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)  
International Convention for the Prevention of Pollution from Ships (MARPOL)

**This material is subject to the following international agreements** Basel Convention (Hazardous Waste)  
- Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish

**This material/ constituent(s) is covered by the following requirements** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS)

**Marine Transport:** Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport:** Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## CONTACT

For further information on this product, contact:

Borg Manufacturing (ABN 31 003 246 357), 2 Wella Way Somersby NSW 2250 Australia

Telephone: 1300 300 547 Fax: 1300 320 547

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