

## SAFETY DATA SHEET

### MATILDA LITE PLY (LIGHTWEIGHT PLYWOOD)

#### WOOD VENEER PRODUCT

#### NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

**IMPORTANT NOTICE:** This Safety Data Sheet (SDS) is written by Matilda Veneer Pty Ltd in accordance with Worksafe Australia Guidelines. As such, the information contained herein must not be altered, deleted or added to. Matilda Veneer Pty Ltd will issue a new MSDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. Matilda Veneer Pty Ltd will not accept responsibility for any changes made to its MSDS, in content or by any other person.

#### 1. PRODUCT IDENTIFICATION

**Product Name:** Matilda Lite Ply  
**Registered Trade Name:** Matilda Veneer Pty Ltd

**Use:** Residential, commercial, industrial and marine construction, furniture and fitments and/or general purpose building material.

The products are manufactured as pressed boards ranging in standard thickness from 6mm to 45mm. They are made from wood veneers of Poplar (*populus-deltoides*, *populus-euroamericana*, *populus interoamericana*) which are bonded together with resin.

**Odour:**  
 No distinctive odour. Newly manufactured plywood and freshly machined surfaces tend to have the odour of the wood species from which the plywood is manufactured.

#### 2. HAZARDOUS INGREDIENT/IDENTITY INFORMATION

Name	CAS#	Percent	Agency	Exposure Limits	Comments
Wood	None	84-99	OSHA	PEL-TWA 15 mg/m3	Total dust Respirable dust fraction Inhalable
Melamine-Urea-formadehyde Glue	9011-05-6	1-15	OSHA	PEL-TWA 2.5mg/m3	Free formaldehyde <0.3%

**NOTE:**

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 chamber test material.

As plywood products have emission levels of 0.03 to 0.05 ppm well below the Worksafe Australia recommended level of 0.1 ppm, under reasonably foreseeable circumstances it is unlikely that the presence of traces of formaldehyde in the product poses a health risk.

**The known health effects of the constituents of the boards are as follows:****Cured Resin:**

The cured resin is inert and not likely to contribute to health effects.

**Formaldehyde:**

Formaldehyde gas is irritating to the nose and throat, eyes and skin. It is recommended that storage areas be well ventilated to avoid any irritating effects of a build-up of formaldehyde.

Worksafe Australia has classified formaldehyde as a Category 3 carcinogen - possibly carcinogenic to humans - on the basis of evidence that inhalation of formaldehyde gas caused nasal cancer in experiments with rats. In the experiments, groups of rats were exposed to formaldehyde for 6 hours a day, 5 days a week for up to 2 years at concentrations of 0, 2.0, 5.6 and 14.3 ppm. 50% of those exposed at 14.3 ppm, 1% exposed to 5.6 ppm, but none exposed to 2.0 or 0 ppm developed nasal cancers.

There have been more than thirty epidemiological studies involving over 130,000 people occupationally exposed to formaldehyde. These, and studies of behaviour to toxicity, indicate that exposure to formaldehyde below the Worksafe Australia occupational Exposure Standard of 1 ppm TWA (time weighted average) will not result in an increased risk of cavity cancers in humans.

**3. HAZARDOUS IDENTIFICATION**

**Primary Health Hazards:** The primary health hazard posed by this product is thought to be due to exposure to wood dust.

**Primary Route(s) of Exposure:**

Skin:	Dust
Inhalation:	Dust
Eye:	Dust

**Medical Conditions Generally Aggravated by Exposure:** Wood dust may aggravate pre-existing respiratory conditions or allergies.

**Acute Health Hazards:** Wood dust can cause eye irritation. Certain species of wood dust can elicit allergic contact dermatitis in sensitised individuals. Wood dust may cause respiratory irritation, nasal dryness, coughing, sneezing and wheezing as a result of inhalation. Formaldehyde may cause temporary irritation of skin, eyes, or Respiratory system. Formaldehyde may cause sensitisation in susceptible individuals.

**Chronic Health Hazards:** Wood dust, depending on the species, may cause allergic contact dermatitis and respiratory sensitisation with prolonged, repetitive contact or exposure to elevated dust levels. Prolonged exposure to wood dust has been reported by some observers to be associated with nasal cancer. Formaldehyde is classified by OSHA and NTP as a probable or potential carcinogen.

#### 4. EMERGENCY AND FIRST-AID PROCEDURES

**Ingestion:** Not applicable under normal use.

**Eye Contact:** Wood dust may cause mechanical irritation. Treat dust in eye as foreign object. Flush with water to remove dust particle. Seek medical help if irritation persists.

**Skin Contact:** Wood dust of certain species can elicit allergic contact dermatitis in sensitized individuals, as well as mechanical irritation resulting in erythema and hives. Seek medical help if rash, irritation or dermatitis persists.

**Skin Absorption:** Not known to occur under normal use.

**Inhalation:** Wood dust may cause unpleasant obstruction in the nasal passages, resulting in dryness of nose, dry cough, sneezing and headaches. Remove to fresh air. Seek medical help if persistent irritation, severe coughing or breathing difficulty occurs.

#### 5. ACCIDENTAL RELEASE MEASURES

**Steps to be Taken In Case Material Is Released or Spilled:** Not applicable for product in purchased form. Wood dust generated from sawing, sanding, drilling, or routing of this product may be vacuumed or shovelled for recovery or disposal. Avoid dusty conditions and provide good ventilation.

#### 6. HANDLING AND STORAGE

**Precautions to be Taken in Handling and Storage:** No special handling precautions are required for products in purchased form. Avoid repeated or prolonged breathing of wood dust. These products may release very small quantities of formaldehyde in gaseous form. Under foreseeable conditions of use, these products release less than 3.5 mg HCHO/h\*m<sup>2</sup> in standard large chamber test conditions. Store in well-ventilated, cool, dry place away from open flame

#### 7. EXPOSURE CONTROL MEASURES, PERSONAL PROTECTION

**Personal Protective Equipment:**

RESPIRATORY PROTECTION – Not applicable for product in purchased form.

PROTECTIVE GLOVES – Not required. However, cloth, canvas, or leather gloves are recommended to minimise potential slivers or mechanical irritation from handling product.

EYE PROTECTION – Not applicable for product in purchased form. Goggles or safety glasses are recommended when machining this product.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT – Not applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas.

WORK/HYGIENE PRACTICES – Follow good hygienic and housekeeping practices. Clean up areas where wood dust settles to avoid excessive accumulation of this combustible material. Minimize blowdown or other practices that generate high airborne-dust concentrations.

**Ventilation:**

LOCAL EXHAUST – Provide local exhaust as needed so that exposure limits are met.

MECHANICAL (GENERAL) – Provide general ventilation in processing and storage areas so that exposure limits are met.

SPECIAL – None

## 8. STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** Avoid open flame. Product may ignite at temperatures in excess of 204°C.

**Incompatibility (Materials to Avoid):** Avoid contact with oxidizing agents.

**Hazardous Decomposition or By-Products:** Thermal decomposition products include carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** Will not occur

**Sensitivity to Mechanical Impact:** NAP

**Sensitivity to Static Discharge:** NAP

**Contact Point:**

**Name:** Craig Graham

**Title:** General Manager

**Company:** Matilda Veneer Pty Ltd

**Address:** 18-22 Activity Crescent, Molendinar, Queensland,  
4214, Australia

**Phone:** +61 7 5594 0655

**Fax:** +61 7 5594 0644

**Email:** [hello@matildaveneer.com.au](mailto:hello@matildaveneer.com.au)

"Whilst the information contained in this document is based on data which to the best of our knowledge was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any, patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and specific circumstances. Since the information contained in this document may be applied under conditions beyond control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information".

If there is any further information required by anyone in relation to this SDS, then contact Matilda Veneer Pty Ltd either by phone or post. Phone numbers and address as above.