



## Safety Data Sheet – Zealand Distribution Ltd

**Rhino Ply and Rhino Premium - Poplar Plywood laminated with HPL both sides**

**Dated: November 2018**

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### Section 1

Product Name: Rhino Ply

Shipping name: Plywood laminated with HPL

Recommended use: The construction of kitchen cabinets and other interior products.

Description: Rhino Ply is available in 16mm plywood, laminated with a .6 or .8mm high pressure laminate surface. The tolerance is plus or minus .5mm.

**Warranty:** Rhino Ply is warranted against delamination or structural breakdown for a period of 10 years when installed as a kitchen, laundry, vanity or other interior usages in keeping with recommendations. The warranty will not take effect where Rhino Ply has been exposed to excessive heat sources or has been fully immersed in water. The warranty does not cover ascetics such as scratching of the high pressure laminate surface or marking caused by pots, fry pans etc, or from reaction to caustic cleaning agents or other chemicals used for cleaning and removing grease or stains around the kitchen and bathroom.

### Supplier

Name: Zealand Distribution Ltd

Address: 22-26 Glasgow Street, Huntly, New Zealand 3700

Website [www.zealaddistribution.co.nz](http://www.zealaddistribution.co.nz)

ph 0800 4 ZLAND

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### Emergency Contacts – Dial 111 or

NZ Poisons and Hazardous Chemicals National Information Centre 0800 764 766

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### Section 2

#### Hazard Identification

Not classified as hazardous



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### **Section 3**

#### **Composition**

Rhino Ply - HPL surface laminated to plywood

HPL <5%

Plywood >95%

E1 Glue <.5%

The above ingredients are laminated together by heat and pressure. The finished product contains less than .05% formaldehyde emissions. \*

Test Standard – ASTM D 6007-02. Standard Test Method for determining Formaldehyde concentration in air from wood products using a small scale chamber.

Testing Facility – National Centre for Quality Supervision & Inspection of Furniture and Indoor Environment. No CARB2010-195-S1.

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### **Section 4**

#### **First Aid**

If showing signs of respiratory problems after inhaling dust particles, seek medical advice.

The inhaling of wood dust over a period of time increases the risk of upper respiratory disease. Soft wood is considered at the lower end of risk for workers in the building industry.

Eyes - Flush with water as soon as practicable.

Skin – Wash with water and mild soap product.

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## Section 5

### **Fire Fighting Measures**

Reaction to Fire - EN13986:2004 Class D

Extinguish using water or appropriate foam fire extinguisher. (Use of breathing apparatus is recommended).

Rhino Ply will burn if ignited. Plywood does not normally constitute an explosion hazard.

However dust product produced from manufacturing of plywood may present a severe explosion hazard if a dust cloud contacts an ignition source.

Ignition temperature – Not available

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## Section 6

### **Accidental Release Measures**

Dust should be wet swept and disposed of in a sealed bin. Use appropriate facial dust mask.

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## Section 7

### **Handling and Storage**

Panels should be stored in well ventilated areas away from sources of heat, flames or sparks.

Use gloves when handling to avoid splinters and cuts.

It is preferable to store Rhino Ply flat using bearers and appropriate racking systems.

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## Section 8

### **Exposure Controls and Personal Protection**

Quantity and conditions of use determine the type of personal protective equipment required.

We advise consultation with a site specific Occupational Health and Safety Advisor.

Formaldehyde emission level is <.05%



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## Section 9

### Physical and Chemical Properties

Appearance 16mm (+- .5mm) plywood lamination (9 or 11 ply) with HPL surface on two sides.

pH: Not applicable

Melting range: Not applicable

Vapour density and pressure: Not applicable

Boiling Point: Not applicable

Solubility: Not soluble

Reaction to Fire: EN13986 Class D

Evaporation Rate: Not applicable

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## Section 10

### Chemical Stability and Reactivity Information

Stability: Product is considered stable and hazardous polymerisation will not occur.

Conditions to avoid: Heat and ignition sources.

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## Section 11

### Toxicological Information

Health effects

Swallowed: Not normally a hazard. Ingestion of dust may cause nausea, abdominal pain, vomiting.

Eye: May cause discomfort.

Skin: Dust may be mildly abrasive to the skin and may lead to dermatitis.

Inhaled: Not normal due to physical form. Dust may cause discomfort.

Chronic Health Effects

Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations.



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Various wood products can induce allergies, both immediate onset and delayed type resulting in eczema from exposure to dust and direct contact. Long term exposure and inhalation of dust can cause headaches, breathing difficulties and other health related problems.

There is evidence that respiratory and nasal cancers are more common where workers are exposed to wood dust particles.

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## **Section 12**

### **Ecological Information**

Rhino Ply will decay over time if contacted with soil, ground or water.

Biodegradability: Not available

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## **Section 13**

### **Disposal Considerations**

Bury dust and off cuts at an authorised landfill.

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## **Section 14**

### **Transportation Information**

Not Classified as dangerous goods according to IATA or IMDG

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## **Section 15**

### **Regulatory Information**

Nor classified as hazardous.

Specific advice on controls of materials used in New Zealand can be found at [www.ermanz.govt.nz](http://www.ermanz.govt.nz)



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## Section 16

### Other information

MSDS may be revised.

Revised Nov 2018

Disclaimer:

The information contained in this MSDS is based on information and data believed to be accurate and sourced from supplier certification and product specific tests. No warranty or representation is expressed or implied for which Zealand Distribution Ltd assumes a legal responsibility.