

# Material Safety Data Sheet

Issue Date 29<sup>th</sup> April 2010.

PRODUCT NAME: WOOD I-JOIST (Treated)

Not classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** Wood I-Joist (Treated)  
**Product Use** Structural timber laminate for building industry.  
**Company Name** Pacific Woodtech Corporation.  
**Address** 185 Park Lane. Burlington. WA. 98233 USA.  
**Emergency Tel. Telephone Number/fax** 00111 (360) 7072200  
Tilling Timber PH: 613 9725 0222 FAX 613 9725 3045  
31-45 Orchard Street. Kilsyth. Vic.3137.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** Product based on timber laminates.

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Wood Dust	N/A	85-98%
	Formaldehyde	50-00-0	<0.1%
	Polymeric diphenylmethane Disocyanate (MDI)	101-68-8	1.5-4.0%
	Dibutyl phthalate	84-74-2	<0.1%
	Imidacloprid	138261-41-3	<0.001%

## 3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.  
Risk phrases:  
R20 Harmful by inhalation  
Safety phrases:  
S22 Do not breathe dusts.  
**Hazard Category** Nil  
**Symptoms & Effects** Inhalation of dusts produced during handling may cause irritation of breathing passages and lead to long term adverse effects to breathing system.

**Other Hazard Information:** Nil

## 4. FIRST AID MEASURES

**Inhalation** Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.  
**Ingestion** Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical attention.  
**Eye** Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.  
**Skin** Wash affected areas with copious quantities of water. If irritation occurs, seek medical advice.  
**First Aid Facilities** Normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Product is combustible. Use water, CO<sub>2</sub>, or foam extinguishing media. Where dusts have ignited ensure thorough coverage and good penetration of dust is achieved.  
**Specific Hazards** Nil.  
**Precautions in connection with Fire** Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

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## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Dusts generated should be contained and collected using efficient local extraction equipment, stored in sealed containers, and disposed of to approved landfill.

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## 7. HANDLING AND STORAGE

**Handling** Repeated or prolonged exposure without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Use only in a well ventilated area. Keep container closed and bung in place.

**Storage** This product should be stored in a cool, dry, well ventilated area, out of the reach of children and away from oxidising agents. Do not store for prolonged periods in direct sunlight.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Limits** No value assigned for this specific item by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals additives, exposure should be kept to the least possible levels.

**Respiratory Protection** Where dusts are generated during normal operations such as cutting, shaping and sanding, it is advisable to wear simple particulate dust mask. The risks associated with this product are from fine dust carrying chemical residues into the air exchange regions of the breathing passage.

**Eye Protection** Safety glasses.

**Hand Protection** Plastic or rubber gloves advisable where prolonged contact is likely.

**Body Protection** Not required.

**Eng. Controls** Efficient mechanical dust extraction should be employed within the immediate working area.

**Other information** No Biological Limit Value allocated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Light to Dark tan timber of various sizes.

**Odour** Feint

**Boiling Point** Not applicable

**Solubility in Water** Not soluble in water

**Specific Gravity** N/A

**Physical State** Solid

**Flash Point** Non flammable

**Flammability** Combustible.

**Flammable Limits LEL** Non flammable

**Flammable Limits UEL** Non flammable

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## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions of storage and handling.

**Hazardous** Will not occur.

**Polymerization**

**Materials to Avoid** Strong oxidizing agents.

**Hazardous** None known.

**Decomposition**

**Products**

**Hazardous Reaction** Not a fire hazard. Will support combustion if involved in a fire.

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## 11. TOXICOLOGICAL INFORMATION

**Toxicology** Not available for product. Formaldehyde is a suspected carcinogen however studies have been unable to detect sufficient levels in air during normal processing operations of these laminates to warrant concern.

**Information** Formaldehyde OSHA PEL 2ppm STEL 0.75ppm TWA

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<b>Inhalation</b>	MDI 0.2mgm/m <sup>3</sup> STEL, 0.075 mgm/m <sup>3</sup> TWA
<b>Ingestion</b>	Dibutyl phthalate 5.0 mgm/m <sup>3</sup> TWA Imidacloprid LD <sub>50</sub> (Oral Rat) 450 mg/Kg Wood Dust 15 mgm/m <sup>3</sup> as total dust. May cause irritation to the mouth, nose and throat.
<b>Skin</b>	Ingestion can cause nausea and vomiting. Not a likely source of exposure, however, may be harmful if swallowed in large amounts. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting. May cause irritation with prolonged contact with the skin, which can result in redness, itchiness, swelling and possibly lead to dermatitis.
<b>Eye</b>	May cause irritation through prolonged contact with the skin, which can result in redness, itchiness, swelling and possibly lead to dermatitis. An eye irritant. May cause eye soreness through abrasive action.
<b>Chronic Effects</b>	Prolonged and repeated exposure through skin contact, or swallowing of this material with no personal protection may result in long term adverse effects.

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## 12. ECOLOGICAL INFORMATION

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<b>Environ. Protection</b>	Not harmful to aquatic life. Not harmful to birdlife. Prevent this material from entering the environment in dust form.
<b>Mobility</b>	No data is available for this product.
<b>Persistence / Degradability</b>	No data is available for this product.
<b>Bioaccumulation</b>	No data is available for this product.
<b>Ecotoxicity</b>	No data is available for this product.

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## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

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## 14. TRANSPORT INFORMATION

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<b>U.N. Number</b>	None allocated
<b>Proper Shipping Name</b>	None allocated
<b>DG Class</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>Packing Group</b>	None allocated
<b>EPG Number</b>	None allocated
<b>IERG Number</b>	None allocated

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## 15. REGULATORY INFORMATION

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<b>Safety Phrase</b>	S22 Do not breathe dusts.
<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All materials are listed in the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

*This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

**Contact Person/Point** Tilling Timber. Manager 613 9725 0222  
**SDS History** MSDS Creation: 29<sup>th</sup> April 2010.  
... End of MSDS...

# Material Safety Data Sheet

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## 3. HAZARDS IDENTIFICATION

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Risk phrases:

R20 Harmful by inhalation

Safety phrases:

S22 Do not breathe dusts.

**Hazard Category** Nil

**Symptoms & Effects** Inhalation of dusts produced during handling may cause irritation of breathing passages and lead to long term adverse effects to breathing system.

**Other Hazard Information:** Nil

## 4. FIRST AID MEASURES

**Inhalation** Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.

**Ingestion** Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical attention.

**Eye** Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.

**Skin** Wash affected areas with copious quantities of water. If irritation occurs, seek medical advice.

**First Aid Facilities** Normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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<b>Extinguishing Media</b>	Product is combustible. Use water, CO <sub>2</sub> , or foam extinguishing media. Where dusts have ignited ensure thorough coverage and good penetration of dust is achieved.
<b>Specific Hazards</b>	Nil.
<b>Precautions in connection with Fire</b>	Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Spills &amp; Disposal</b>	Dusts generated should be contained and collected using efficient local extraction equipment, stored in sealed containers, and disposed of to approved landfill.
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## 7. HANDLING AND STORAGE

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<b>Handling</b>	Repeated or prolonged exposure without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet.
<b>Storage</b>	Use only in a well ventilated area. Keep container closed and bung in place. This product should be stored in a cool, dry, well ventilated area, out of the reach of children and away from oxidising agents. Do not store for prolonged periods in direct sunlight.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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<b>Exposure Limits</b>	No value assigned for this specific item by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals additives, exposure should be kept to the least possible levels.
<b>Respiratory Protection</b>	Where dusts are generated during normal operations such as cutting, shaping and sanding, it is advisable to wear simple particulate dust mask. The risks associated with this product are from fine dust carrying chemical residues into the air exchange regions of the breathing passage.
<b>Eye Protection</b>	Safety glasses.
<b>Hand Protection</b>	Plastic or rubber gloves advisable where prolonged contact is likely.
<b>Body Protection</b>	Not required.
<b>Eng. Controls</b>	Efficient mechanical dust extraction should be employed within the immediate working area.
<b>Other information</b>	No Biological Limit Value allocated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Light to Dark tan I-Joist.
<b>Odour</b>	Faint
<b>Boiling Point</b>	Not applicable
<b>Solubility in Water</b>	Not soluble in water
<b>Specific Gravity</b>	N/A
<b>Physical State</b>	SOLID
<b>Flash Point</b>	Non flammable
<b>Flammability</b>	Combustible.
<b>Flammable Limits LEL</b>	Non flammable
<b>Flammable Limits UEL</b>	Non flammable

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions of storage and handling.
<b>Hazardous</b>	Will not occur.
<b>Polymerization</b>	
<b>Materials to Avoid</b>	Strong oxidizing agents.
<b>Hazardous</b>	None known.
<b>Decomposition</b>	
<b>Products</b>	

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**Hazardous Reaction** Not a fire hazard. Will support combustion if involved in a fire.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Not available for product. Formaldehyde OSHA PEL 2ppm STEL 0.75ppm TWA MDI 0.2mgm/m <sup>3</sup> STEL, 0.075 mgm/m <sup>3</sup> TWA Dibutyl phthalate 5.0 mgm/m <sup>3</sup> TWA Wood Dust 15 mgm/m <sup>3</sup> as total dust.
<b>Inhalation</b>	May cause irritation to the mouth, nose and throat.
<b>Ingestion</b>	Ingestion can cause nausea and vomiting. Not a likely source of exposure, however, may be harmful if swallowed in large amounts. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.
<b>Skin</b>	May cause irritation with prolonged contact with the skin, which can result in redness, itchiness, swelling and possibly lead to dermatitis.
<b>Eye</b>	An eye irritant. May cause eye soreness through abrasive action.
<b>Chronic Effects</b>	Prolonged and repeated exposure through skin contact, or swallowing of this material with no personal protection may result in long term adverse effects.

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<b>Proper Shipping Name</b>	None allocated
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