

Material Safety Data Sheet

Issue Date 29th 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.

Ingredients	Name	CAS	Proportion
	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, CO₂, 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.

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.

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.

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

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.

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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Inhalation	MDI 0.2mgm/m ³ STEL, 0.075 mgm/m ³ TWA
Ingestion	Dibutyl phthalate 5.0 mgm/m ³ TWA Imidacloprid LD ₅₀ (Oral Rat) 450 mg/Kg Wood Dust 15 mgm/m ³ as total dust. May cause irritation to the mouth, nose and throat.
Skin	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.
Eye	May cause irritation through abrasive action.
Chronic Effects	An eye irritant. May cause eye soreness through abrasive action. Prolonged and repeated exposure through skin contact, or swallowing of this material with no personal protection may result in long term adverse effects.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

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 th April 2010. ... End of MSDS...

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Issue Date 30th April 2010.

PRODUCT NAME: WOOD I-JOIST (Untreated)

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Information on Composition Product based on timber laminates.

Ingredients	Name	CAS	Proportion
	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%

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.

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5. FIRE FIGHTING MEASURES

Extinguishing Media	Product is combustible. Use water, CO ₂ , 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.

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.
Storage	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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light to Dark tan I-Joist.
Odour	Faint
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

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	

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Product Name: Wood I-Joist (Untreated)

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

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Not available for product. Formaldehyde OSHA PEL 2ppm STEL 0.75ppm TWA MDI 0.2mgm/m ³ STEL, 0.075 mgm/m ³ TWA Dibutyl phthalate 5.0 mgm/m ³ TWA Wood Dust 15 mgm/m ³ as total dust.
Inhalation	May cause irritation to the mouth, nose and throat.
Ingestion	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.
Skin	May cause irritation with prolonged contact with the skin, which can result in redness, itchiness, swelling and possibly lead to dermatitis.
Eye	An eye irritant. May cause eye soreness through abrasive action.
Chronic Effects	Prolonged and repeated exposure through skin contact, or swallowing of this material with no personal protection may result in long term adverse effects.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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