

# CHH UNTREATED PINE LVL, PLYWOOD AND I JOIST

Chemwatch Material Safety Data Sheet  
Issue Date: 29-Aug-2012  
C477SP

CHEMWATCH 4729-43  
Version No:8.1.1.1  
CD 2012/3 Page 1 of 6

---

## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

---

### PRODUCT NAME

CHH UNTREATED PINE LVL, PLYWOOD AND I JOIST

### STATEMENT OF HAZARDOUS NATURE

Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for transport of Dangerous Goods.

### PRODUCT USE

Glued product used in residential, commercial, and industrial construction, and/or general purpose building material.

### SUPPLIER

Company: Carter Holt Harvey CHH Woodproducts  
Address:  
Private Bag 92165  
Auckland, 1142  
New Zealand  
Telephone: 0800 866 678  
Fax: 0800 866 679  
Website: www.chhwoodproducts.co.nz

---

## Section 2 - HAZARDS IDENTIFICATION

---

### EMERGENCY OVERVIEW

Not hazardous

---

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

---

NAME	CAS RN	%
wood veneer		>90
phenol/ formaldehyde polymer sodium salt In use, may generate wood dust softwood	40798-65-0	<10
THIS REPORT IS FOR UNTREATED PRODUCT ONLY	Not avail.	

---

## Section 4 - FIRST AID MEASURES

---

NEW ZEALAND POISONS INFORMATION CENTRE 0800 POISON (0800 764 766)  
NZ EMERGENCY SERVICES: 111

### SWALLOWED

- - Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations.
- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### EYE

- - Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations.
- If this product comes in contact with eyes:
- Wash out immediately with water.
  - If irritation continues, seek medical attention.
  - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

- Brush off dust.
- In the event of abrasion or irritation of the skin seek medical attention.
- If skin or hair contact occurs:
- Flush skin and hair with running water (and soap if available).
  - Seek medical attention in event of irritation.

continued...

## CHH UNTREATED PINE LVL, PLYWOOD AND I JOIST

Chemwatch Material Safety Data Sheet  
Issue Date: 29-Aug-2012  
C477SP

CHEMWATCH 4729-43  
Version No:8.1.1.1  
CD 2012/3 Page 2 of 6  
Section 4 - FIRST AID MEASURES

### INHALED

- - If dust is inhaled, remove from contaminated area.
- Encourage patient to blow nose to ensure clear passage of breathing.
- If irritation or discomfort persists seek medical attention.

### NOTES TO PHYSICIAN

- Treat symptomatically.

---

## Section 5 - FIRE FIGHTING MEASURES

---

### EXTINGUISHING MEDIA

- - Water spray or fog.
- Foam.
- Dry chemical powder.
- BCF (where regulations permit).

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Use water delivered as a fine spray to control the fire and cool adjacent area.

### FIRE/EXPLOSION HAZARD

- Combustible. Will burn if ignited.
- Wood products do not normally constitute an explosion hazard.
- Mechanical or abrasive activities which produce wood dust, as a by-product, may present a severe explosion hazard if a dust cloud contacts an ignition source.
- Hot humid conditions may result in spontaneous combustion of accumulated wood dust.
- Partially burned or scorched wood dust can explode if dispersed in air.

---

## Section 6 - ACCIDENTAL RELEASE MEASURES

---

### MINOR SPILLS

Pick up.  
Refer to major spills.

### MAJOR SPILLS

Pick up.  
Secure load if safe to do so.  
Bundle/collect recoverable product.  
**Personal Protective Equipment advice is contained in Section 8 of the MSDS.**

---

## Section 7 - HANDLING AND STORAGE

---

### PROCEDURE FOR HANDLING

- Use gloves when handling product to avoid splinters.

### SUITABLE CONTAINER

- - Generally not applicable.

### STORAGE INCOMPATIBILITY

- - Keep dry.

### STORAGE REQUIREMENTS

- - Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry area protected from environmental extremes.
- Store away from incompatible materials and foodstuff containers.

continued...

# CHH UNTREATED PINE LVL, PLYWOOD AND I JOIST

Chemwatch Material Safety Data Sheet  
Issue Date: 29-Aug-2012  
C477SP

CHEMWATCH 4729-43  
Version No:8.1.1.1  
CD 2012/3 Page 3 of 6

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

Source	Material	TWA mg/m <sup>3</sup>	Notes
New Zealand Workplace Exposure Standards (WES)	phenol/ formaldehyde polymer sodium salt (Particulates not otherwise classified)	10mg/m <sup>3</sup> Inhalable dust; 3mg/m <sup>3</sup> Respirable dust	
New Zealand Workplace Exposure Standards (WES)	wood dust softwood (Wood dust, soft(D2010))	2 mg/m <sup>3</sup> (8 hour shift); 2 mg/m <sup>3</sup> (12 hour shift)	2011 correction; v

### MATERIAL DATA

CHH UNTREATED PINE LVL, PLYWOOD AND I JOIST:  
Not available

#### PHENOL/ FORMALDEHYDE POLYMER SODIUM SALT:

■ These "dusts" have little adverse effect on the lungs and do not produce toxic effects or organic disease. Although there is no dust which does not evoke some cellular response at sufficiently high concentrations, the cellular response caused by P.N.O.C.s has the following characteristics:

- the architecture of the air spaces remain intact,
- scar tissue (collagen) is not synthesised to any degree,
- tissue reaction is potentially reversible.

Extensive concentrations of P.N.O.C.s may:

- seriously reduce visibility,.

#### WOOD DUST SOFTWOOD:

■ Wood dusts produce dermatitis and an increased risk of upper respiratory disease. Epidemiological studies in furniture workers show an increased risk of lung, tongue, pharynx and nasal cancer.

Impairment of nasal mucociliary function may occur below 5 mg/m<sup>3</sup> and may be important in the development of nasal adenocarcinoma amongst furniture workers exposed to hardwoods.

### PERSONAL PROTECTION

#### RESPIRATOR

- Particulate dust filter. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

#### EYE

- When sawing, machining or sanding use

- Safety glasses with side shields.  
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent].

#### HANDS/FEET

- - Protective gloves eg. Leather gloves or gloves with Leather facing.
- Safety footwear.

#### OTHER

- No special equipment needed when handling small quantities.

#### OTHERWISE:

- Overalls.
- Barrier cream.
- Eyewash unit.

### ENGINEERING CONTROLS

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

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

continued...

**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE**

Pressed boards ranging from 3mm to 90mm. These boards are ripped into strips between 47 and 1200mm wide to form lineal wood components.

THIS CHEMWATCH REPORT IS FOR UNTREATED PRODUCT ONLY.

**PHYSICAL PROPERTIES**

Does not mix with water.  
 Floats on water.

State	Manufactured	Molecular Weight	Not Applicable
Melting Range (°C)	Not Applicable	Viscosity	Not Applicable
Boiling Range (°C)	Not Applicable	Solubility in water (g/L)	Immiscible
Flash Point (°C)	Not applicable	pH (1% solution)	Not Applicable
Decomposition Temp (°C)	Not Available	pH (as supplied)	Not Applicable
Autoignition Temp (°C)	>200	Vapour Pressure (kPa)	Not Applicable
Upper Explosive Limit (%)	Not applicable	Specific Gravity (water=1)	0.5- 1.0
Lower Explosive Limit (%)	Not applicable	Relative Vapour Density (air=1)	Not applicable
Volatile Component (%vol)	Not Applicable	Evaporation Rate	Not Applicable

**Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION**

**CONDITIONS CONTRIBUTING TO INSTABILITY**

- Product is considered stable and hazardous polymerisation will not occur.
- For incompatible materials - refer to Section 7 - Handling and Storage.*

**Section 11 - TOXICOLOGICAL INFORMATION**

**POTENTIAL HEALTH EFFECTS**

**ACUTE HEALTH EFFECTS**

**SWALLOWED**

- Not normally a hazard due to physical form of product.
- Considered an unlikely route of entry in commercial/industrial environments.

**EYE**

- The dust may produce eye discomfort causing smarting, pain and redness.

**INHALED**

- Not normally a hazard due to physical form of product.
- Generated dust may be discomforting.

**CHRONIC HEALTH EFFECTS**

- - Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations. Various woods are able to induce allergies, both of the immediate onset type in woodwork which causes a respiratory syndrome, and of the delayed type which results in eczema from exposure to dusts and direct contact. Cross-reaction is common. Certain alkaloids are contained in some species, causing headache, anorexia, slow heart rate and breathing difficulties. Conjunctivitis is also possible. Allergic reactions are aggravated by fungi and bacteria associated with wood. Cancers of the respiratory tract seem to be more common in those professions associated with the use of wood. This seems to be true for both hardwood and soft wood. Wood dust may cause skin and respiratory sensitisation.

**TOXICITY AND IRRITATION**

- Not available. Refer to individual constituents.

---

**Section 12 - ECOLOGICAL INFORMATION**

---

No data

**Ecotoxicity**

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
phenol/ formaldehyde polymer sodium salt	No Data	No Data		
wood dust softwood	Available	Available		
	No Data	No Data		
	Available	Available		

---

**Section 13 - DISPOSAL CONSIDERATIONS**

---

- - Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Bury residue in an authorised landfill.

*Insure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.*

---

**Section 14 - TRANSPORTATION INFORMATION**

---

**HAZCHEM:**

None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

---

**Section 15 - REGULATORY INFORMATION**

---

**REGULATIONS****Regulations for ingredients**

**phenol/ formaldehyde polymer sodium salt (CAS: 40798-65-0) is found on the following regulatory lists;**

"New Zealand Inventory of Chemicals (NZIoC)", "New Zealand Workplace Exposure Standards (WES)"

**No data for CHH Untreated Pine LVL, Plywood And I Joist (CW: 4729-43)**

No data for wood dust softwood (CAS: , Not avail)

Specific advice on controls required for materials used in New Zealand can be found at [www.epa.govt.nz/search-databases/Pages/controls-search.aspx](http://www.epa.govt.nz/search-databases/Pages/controls-search.aspx)

---

**Section 16 - OTHER INFORMATION**

---

NEW ZEALAND POISONS INFORMATION CENTRE

0800 POISON (0800 764 766)

NZ EMERGENCY SERVICES: 111

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net/references](http://www.chemwatch.net/references).

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

## CHH UNTREATED PINE LVL, PLYWOOD AND I JOIST

Chemwatch Material Safety Data Sheet

Issue Date: 29-Aug-2012

C477SP

CHEMWATCH 4729-43

Version No:8.1.1.1

CD 2012/3 Page 6 of 6

Section 16 - OTHER INFORMATION

---

criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from CHEMWATCH. TEL (+61 3) 9572 4700.

Issue Date: 29-Aug-2012

Print Date: 29-Aug-2012