

Applications

What applications and conditions is Framesure LOSP H2 suitable for?

H2 treatment protects against termites and other insects only and not fungal decay or rot. It is approved for use in applications which can be described as 'interior or protected above ground' or Hazard Level 2 as defined in AS1604 - 1997 Timber - Preservative Treated - Sawn and Round. It is not suitable for situations that will be exposed to weather or dampness such as ground contact. Other treatments are recommended for these conditions.

Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET LOSP H2 TREATED PLANTATION SOFTWOOD

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

Product name:	LOSP H2 Treated Softwood
Chemical name:	Softwood with 0.02% m/m permethrin
UN number:	None allocated
Trade name:	Framesure
Dangerous goods class:	None allocated
Subsidiary Risk:	None allocated
Hazchem code:	None allocated
Poisons schedule number:	None allocated
Use:	LOSP H2 treated plantation softwood is used for house framing, trusses, wall linings and internal componentry that requires protection from termites and other insects/borers

Physical

Description/Properties:

Appearance:	LOSP H2 treated plantation softwood has a reddish colour that fades on exposure to sunlight. The product is sold as sawn and moulded profiles.
Odour:	There is a solvent odour that fades substantially as the solvent evaporates.
Boiling Point: (°C)	Not applicable
Melting Point: (°C)	Not applicable
Vapour pressure:	Not applicable
Flashpoint:	Not Applicable
Flammability Limits in Air:	Fine airborne dust can ignite spontaneously. (LOSP H2 treated softwood is no more flammable than untreated softwood once most solvent has evaporated)
Specific gravity (H₂O = 1)	Varies according to timber species and moisture content
Molecular weight:	Not determined
Solubility in water:	Not applicable
pH (1% aqueous solution):	Not applicable

Auto-ignition temperature (°C): >220

Ingredients:

Chemical entity:	CAS Number:	Proportion:
Softwood with .02% m/m permethrin	None	100%

HEALTH HAZARD INFORMATION

Health Effects: Handling wood may cause splinters. The following health effects refer to the wood dust from LOSP H2 treated plantation softwood:

Acute Health Effects:

Swallowed: Unlikely under normal conditions. Swallowing wood dust may cause abdominal discomfort.

Eye: Wood dust is irritating to the eyes resulting in redness and watering.

Skin: Skin contact with wood dust may be mildly discomforting and is capable of causing skin reactions leading to dermatitis.

Inhaled: Not normally a hazard due to non-volatile nature of product. Inhalation of wood dust may be irritating to the nose, throat and lungs.

Chronic Effects: Repeated inhalation of dust from softwood may increase the

risk of nasal cavity cancer. Exposure to softwood and its dust in some susceptible people may result in respiratory and skin sensitisation leading to asthma and dermatitis respectively.

First Aid:

Swallowed: If swallowed give water to drink. Seek medical attention if any abdominal discomfort.

Eye: Flush thoroughly with water for at least 15 minutes. If irritation persists seek medical attention.

Skin: Wash thoroughly with mild soap and water. Seek medical attention in event of irritation.

Inhaled: Leave the dusty area.

First Aid Facilities:

Advice to Doctor: **Treat symptomatically.**

PRECAUTIONS FOR USE

Exposure Standards: Worksafe Australia Exposure Standards:
White spirits:
100 ppm (8 hours TWA) time-weighted average.
125 ppm (10 minutes TWA)
Wood dust (softwood)
5 mg/m³ time-weighted average (TWA) - measure as inspirable particulates
10 mg/m³ short term exposure limit (STEL)
sen - sensitising to skin and respiratory tract

Permethrin:

No exposure standard has been proposed for any synthetic pyrethroid insecticides

Recommendation: Keep exposures as low as practical with the aim of maintaining inspirable wood dust levels below 1.0 mg/cubic metre (TWA).

Engineering Controls: All work with LOSP H2 treated plantation softwood must be carried out in such a way as to minimise exposure to wood dust. Under factory conditions, sawing drilling or sanding of LOSP H2 treated softwood should be done with equipment fitted with local exhaust ventilation devices capable of removing dust and odour at source. If natural or mechanical ventilation is considered insufficient use personal protective equipment.

Respiratory Protection: Avoid breathing sawdust from LOSP H2 treated softwood.

If in spite of mechanical or natural ventilation an adverse concentration of the substance in air could occur, respiratory protection, such as Class P1 or P2 disposable dust mask conforming to Australia Standards AS/NZS 1716 should be considered. These Standards should be followed in the selection, fit-testing, use, storage and maintenance of the respirators.

- Skin Protection:** Long sleeved shirts, long trousers and leather/cotton gloves are recommended if skin irritation occurs. Wash skin with mild soap and water after working with LOSP H2 treated softwood. Use of skin protectants may be beneficial.
- Launder work clothes regularly and separately from other clothes.
- Eye Protection:** Non-fogging goggles or safety glasses (AS/NZS 1337) should be worn if there is a risk of wood dust getting into the eye.
- Flammability:** No more flammable than untreated plantation softwood once solvent has evaporated, but is combustible and will help sustain a fire.

SAFE HANDLING INFORMATION

- Storage and Transport:** LOSP H2 treated softwood should be stored in a well ventilated area away from sources of heat, flames or sparks.
- No special transport requirements are considered necessary.
- Spills and disposal:** Offcuts and general waste material should be placed in containers and disposed of at approved landfill sites or incinerated in accordance with local authority guidelines. LOSP H2 treated plantation softwood should not be burnt in open fires, stoves, fireplaces and residential boilers.
- Fire/explosion hazard:** Dust may form an explosive mixture with air. In a fire, use water jets to extinguish flames.