

# Tunncliffe's

Tunncliffe Timber Company Limited

## LOSP Treated Timber Safe Handling Guidelines

Tunncliffe's LOSP treated timber mainly feature in our window reveals and some joinery products. LOSP stands for Light Organic Solvent Preservative, which brings the timber up to Hazard Classification H3.1 (above ground) according to NZS 3640:2003. The preservative system we use is Vacsol® Azure from Lonza Wood Protection.

Depending on circumstances handling any material can present us with certain hazards. These guidelines are intended to assist users of Tunncliffe's LOSP treated products handle and use them safely and to dispose of wastes and off-cuts in a proper manner.

### Guidelines:

- Avoid inhalation of wood dust during any operation where airborne residues may be generated such as high speed machining, cutting and sanding. Use a dust mask or air extraction system to minimize the levels of airborne wood dust.
- Keep the work area clean and do not allow wood dust and residues to accumulate.
- Brush sawdust off skin and clothes.
- When using power saws or machining, wear safety glasses or goggles to protect the eyes from flying particles.
- Wash hands after working with the products and before eating, drinking and smoking.
- Dispose of off-cuts, waste pieces and shavings with appropriate waste disposal services.
- Do not burn LOSP treated shavings, wastes, off-cuts and redundant pieces for home heating or cooking fuel, or as a means of disposal. LOSP treated timber can be burned in industrial incinerators with appropriate resource consent. It is recommended not to use the shavings or sawdust as animal litter or for composting.

## Questions and Answers

### What treatment is used in LOSP treated timber?

The LOSP treatment used to protect our timber products incorporates three carbon based biocides that present low risk to humans, animals and the general environment. These constituents are;

- Tebuconazole
- Propiconazole
- Permethrin

Tebuconazole and propiconazole protect against decay and rot. Permethrin is highly effective in protecting against wood boring insects. Typical content of these ingredients is up to about 0.2% by mass in the wood in total. The LOSP treatment may also leave a small amount of hydrocarbon solvent in the wood. At the levels present in our LOSP treated timber products, none of these ingredients are expected to pose any significant risk to users and owners.

For more information about Vacsol® Azure LOSP preservative from Lonza, see: [www.lonzawoodprotection.com/apac/vacsol-family/](http://www.lonzawoodprotection.com/apac/vacsol-family/)

### What is the odour from the LOSP treated product?

A slight odour maybe noticed in very close proximity to LOSP treated products, typically a “fresh paint” or putty like odour. This may come from the special oil alkyd paint primer that is applied to the boards.

When cutting or machining LOSP treated products a slight odour from residual LOSP treatment solvent may be noticed. As when cutting or machining all wood based materials, it is recommended to perform such operations in a well-ventilated area and avoid inhalation of wood dust. Wearing of a suitable dust or filter mask is recommended when working around operations generating airborne wood dust.

In these cases, control of airborne wood dust is the key consideration. Elimination or avoidance of wood dust exposure will eliminate exposure to any of the other constituents.

### How do I dispose of waste and off-cuts?

LOSP treated wastes and off-cuts are not hazardous or proscribed waste. However proper and responsible disposal of these materials is **strongly recommended**. For most residential and small trade situations, waste can be handled through normal municipal waste collection and disposal services.

For further information on our LOSP treated timber products see: [www.tunncliffe.co.nz](http://www.tunncliffe.co.nz)

This information is provided in good faith for general guidance in handling LOSP treated timber products from Tunncliffe Timber Company and is believed to be accurate and represent good industry practice. However no warranty is made, either express or implied, as to the suitability of these recommendations for any particular circumstance or the results to be obtained from the use of such information. Any user must make their own determination and satisfy themselves that the information and recommendations given by Tunncliffe's herein or its affiliates are (i) suitable for intended process and purpose and (ii) in compliance with environmental, health and safety regulations. Tunncliffe reserves the right to delete, amend or add to any of the details or recommendations contained in this document at any time in light of additional information and experience.

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