

DesignPine Safe Handling Guidelines

DesignPine is a range of premium wood products for outdoor construction. They are sourced from leading producers using sustainable Radiata pine forest resources in New Zealand, and Chile.

For durability and stability in service, DesignPine products are impregnated with Light Organic Solvent Preservative (LOSP), pre-finished with high performance wood primer made exclusively for DesignPine and utilises Service Class 3 adhesive systems.

Handling many materials including wood products may present certain hazards depending on the circumstances. This guideline is intended to assist users and owners of DesignPine products to handle and use the products safely and to properly dispose of any wastes and off-cuts.

Safe Handling 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 to ensure that airborne wood dust levels are below recommended exposure limits.
- 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 in compliance with local regulations. For domestic and trade users, normal waste collection services are suitable.
- Do not burn DesignPine shavings, wastes, off-cuts and redundant pieces for home heating or cooking fuel, or as a means of disposal. It is recommended not to use the shavings or sawdust as animal litter or for composting.

Questions and Answers

What treatment is used in DesignPine?

The LOSP treatment used to protect DesignPine 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 termites and other 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 DesignPine products, none of these ingredients are expected to pose any significant risk to users and owners.

What is the odour from the product?

A slight odour maybe noticed in very close proximity to DesignPine 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 DesignPine 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?

DesignPine 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, DesignPine waste can be handled through normal municipal waste collection and disposal services. For large construction or manufacturing operations, tracking of certain wastes including treated wood may be required depending on local and state regulations for construction and demolition (C&D) wastes.

Why is it recommended not to burn DesignPine waste?

While burning of DesignPine product, off-cuts and waste in unlikely to result in any harm compared to burning of normal wood, uncontrolled, open burning of C&D waste is poor practice and may be illegal in some states and council areas.

For further information on correct specification, selection, installation and maintenance of DesignPine products see www.designpine.com.

This information is provided in good faith for general guidance in handling DesignPine wood products 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

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