

## Tung Oil

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### Description

A natural oil extracted from the seeds of the tung tree. Also known as China wood oil, wood oil and nut oil. BioPaints Tung Oil penetrates deeply into the timber, and gives an elastic, water-resistant, well sealing surface. It can be used as a finishing oil that is non-toxic and food safe (FDA).

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### Uses

As a coating for surfaces including:

- Timber
- Raw concrete
- Mud brick

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### Coverage

- 10-12m<sup>2</sup> per litre depending on the absorbency of the substrate and application method.

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### Container Sizes

- 1 Litre, 4 Litre, 10 Litre.

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### Ingredients

Tung oil

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### Preparing the Surface

1. Prepare the surface in accordance with standard practice.
2. Previous coats must be removed.
3. The surface must be well sanded: floors with 120-180 grit; furniture with 180-240 grit.
4. Ensure the surface is clean, free from grease and dry (with a maximum timber moisture content of 12% where relevant).
5. Wipe timbers containing high amounts of resins or terpenes with BioPaints Thinner, using a lint free cloth - especially on rimu, matai, oak, some tropical timbers, etc.
6. If glue is used in a laid timber floor, ensure it is fully hardened before applying product.
7. **Always test for suitability on your substrate.**

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### Applying the Product

1. Stir thoroughly before using.
2. Ventilate well when working with the product and while it is drying.
3. May be thinned 10-50% with BioPaints Thinner.
4. Apply in thin even coats by brush or roller. 1-2 coats required depending on the absorbency of the substrate and the required finish. Lightly sand between coats if necessary.
5. Never pour the oil on the surface as this will result in patchiness and staining that sanding will not remove.
6. After 30-60 minutes the excess oil must be removed with a lint-free cloth. The oil can be padded in using a professional machine and green pad, any oil remaining must be removed with a lint-free cloth.

**Note:** Any oil remaining on the surface will result in a sticky, shiny, non-drying finish!

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### Drying

- Can be sanded and recoated after 2-8 hours at 20 °C/50-55% relative humidity.

**Note:** The drying time of oil-based products is prolonged by:

high humidity and/or low temperatures during application and drying time; absorption of natural terpenes, oils, waxes or resins from the substrate, poor ventilation and thick coats.

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## Cleaning

- Clean implements immediately after use with BioPaints Thinner.

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## Maintenance

- Clean only after fully hardened. Use a gentle non-abrasive pH neutral cleaner. We recommend BioPaints Household Cleaner.
- When recoating BioPaints Tung Oil, clean surface well, degrease and/or sand lightly if necessary.

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## Safety Precautions

Natural ingredients can still be harmful to users and the environment if misused, or if accidents occur, so please carefully observe the following:

- Keep out of reach of children.
- Keep all product and materials away from open flame.
- Use with adequate ventilation.
- **Keep work materials soaked in BioPaints Tung Oil, such as rags, sponges, sanding dust and contaminated clothing in an airtight container, or rinse in water and spread out to dry on a non-combustible surface - danger of spontaneous combustion.**

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## Storage

- Seal well and store in a cool, dry place.
- Remove any skin that has formed in open containers and sieve if necessary before use.

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## Disposal

- Do not dispose of in drains and wastepipes.
- Let waste dry out and recycle empty containers where possible. Dispose of according to council regulations.

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## Disclaimer

**The above information is given as a general guide only. Site conditions will vary and it is always advisable to apply a test sample. Failure to follow the above instructions will void any implied warranties attached to the product. This supersedes any previous data sheets.**