



TIKKURILA

# VALTTI KALUSTEÖLJY RUSKEA SPRAY

WOOD OIL FOR EXTERIOR USE

**DESCRIPTION**

Solvent-borne brown wood oil for outdoor use. Protects wood against humidity and dirt, lessens cracking of surfaces and smooths out the brown color.

**RECOMMENDED USES** Garden furniture.

**PRODUCT FEATURES**

Suitable for hardwood, pressure-treated, thermally treated and untreated wood as well as wood previously treated with oil. The color of the substrate affects the final shade of the surface. Wood that is already grayed and weathered will absorb oil strongly, and the end result will then be very dark. Always carry out a test spread.



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### TECHNICAL DATA

<b>Colour Shades</b>	Brown
<b>Coverage</b>	1,5-2 m <sup>2</sup> /can, depending on the porosity of the wood surface. Depending on the amount spread, one can will suffice for treatment of the top sides of two chairs or one table.
<b>Can sizes</b>	0.4 l
<b>Application method</b>	Spraying.
<b>Drying time (23°C and 50% relative air humidity)</b>	Surface-dry in a few hours. The porosity of the substrate and the amount of wood oil used affect the drying time. The second coat can be applied as soon as the surface is dry; after a few hours, depending on the weather conditions.
<b>Density (kg/l)</b>	0.9 kg/l, ISO 2811.
<b>Volume solids (%)</b>	25
<b>Storage</b>	Unaffected by cold storage or transportation. Close can carefully for next use. Use opened product during same painting season since product properties change in short container.



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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be treated must be dry. This means that the moisture content of the wood must be below 20%, because wet wood does not absorb oil and oil dries slowly in moist conditions. As pressure-treated wood is often damp, we recommend it to be treated after about 6 months from installation. During treatment and drying, the temperature of the air, surface and wood stain must be at least +5°C and the relative humidity of the air below 80%.

### Surface preparation

Untreated surfaces:

Clean the wood surface of any dirt, dust and loose material. Wash moldy or worn and faded surfaces with Homeenpoisto or Tehopesu according to instructions.

Surfaces previously treated with wood oil:

Remove loose material with a scraper and/or wire brush. Wash moldy or worn and faded surfaces with Homeenpoisto or Tehopesu according to instructions. If a visible film remains on the surface after cleaning, remove it before treatment. Allow the surface to dry, as moist wood does not absorb oil and oil dries slowly in damp conditions.

### Application

Protect the surroundings from spraying. Stir the spray can well before and during the use of the product. Spread the oil thinly so that all the oil is absorbed into wood. After approximately 10 minutes, wipe the unabsorbed oil away with a dry cloth. Apply one coat on garden furniture. Porous wood might require 2 coats.

The second coat can be applied as soon as the oil is absorbed and the surface is dry, in a few hours depending on the weather. Every application of oil will darken the wood surface.

If there is oil left in the can, finish by turning the can upside down and spraying for a couple of seconds. This will clean the nozzle.

Carry out maintenance when necessary. Surfaces continuously exposed to the elements may need to be treated annually.

### Cleaning of tools

Clean tools with White Spirit 1050 or Tikkurila Pensselipesu (Tool Cleaner).

### Maintenance instructions

Handle a new surface with care for approximately one week to allow the product to achieve its final hardness and durability. The surface can be cleaned lightly with a soft brush or mop in approx. two days from the surface treatment, if necessary.

A dirty surface can be cleaned with Huoltipesu (mix 1 part of Huoltipesu with 10 parts of water). Clean stains and very dirty surfaces with a stronger solution of Huoltipesu and water (1:1). After washing, rinse the surfaces and allow to dry.

### Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations. Note! Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials can create fire some hours later and should be soaked in water and placed in a closed metal container before disposal.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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## Health and Safety

**Contains:** hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. **DANGER.** Extremely flammable aerosol. Pressurized container: may burst if heated. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Contains 3-iodo-2-propynyl butylcarbamate (IPBC) and ethyl methyl ketoxime. May produce an allergic reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves. **IF SWALLOWED:** Immediately call a POISON CENTER or physician. Do NOT induce vomiting. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.



GHS02



GHS07



GHS08

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