



NATURHAUS Hard Oil

Product information:	NATURHAUS <i>Hard Oil</i> is an interior primer oil for highly exposed and absorbent surfaces made of wood. The product penetrates deeply creating an elastic, breathable film with superior water-resistant qualities. Depending on the application technique a semi gloss or satin-finished surface may be obtained. The product enhances the wood and the wood-grain only slightly and is specifically useful in the treatment of light-coloured hardwood (e.g. beech, birch, maple).				
Ingredients:	Linseed standoil, wood oil standoil, natural rosin esters, bentonite, triple-refined orange oil, lead-free driers (Co, Zr fatty acid salts) with < 0.1 % fatty acid cobaltate.				
Application:	Semi gloss surfaces: NATURHAUS <i>Hard Oil</i> is applied undiluted by brushing, spraying, rolling or scraping. Highly absorbent softwoods such as beech, should be pretreated with NATURHAUS <i>Hard Oil High Performance (Prod. No. 00250)</i> . After a residence time of 5-15 minutes grind in the wet oil using a suitable single disk floor machine (green or brown pad), an eccentric grinder with a medium rough pad or a suitable brush (e.g. Edruflex) K220. Satin-finished surfaces: NATURHAUS <i>Hard Oil</i> is applied at least twice by brushing, spraying, rolling or scraping. The flow characteristic may be adjusted with up to 10 % NATURHAUS <i>Resin & Oil Thinner (Prod. No. 00500)</i> . The application amount has to be increased accordingly. Allow to dry before spreading a new layer. If necessary, sand the surface using a suitable single disk floor machine (green pad), or in case of furniture an eccentric grinder with a medium rough pad. The humidity of the wood should not exceed 12 %. Clean spots and tools with NATURHAUS <i>Resin & Oil Thinner (Prod. No. 00500)</i> .				
Further treatment:	NATURHAUS <i>Hard Wax (Prod. No. 01050)</i> , NATURHAUS <i>Hard Wax Oil (Prod. No. 01500)</i> .				
Drying time:	approximately 8 hours, depending on climate, temperature and humidity.				
Physical properties:	Density: approx. 0.90 g/ml; viscosity approx. 18 seconds (ISO 2431, 4 mm).				
Coverage:	30 - 50 m ² per l (20 - 30 g/m ²), for a semi gloss surface 15 - 25 m ² per l (40 - 70 g/m ²), for a satin-finished surface.				
Test specifications:	DIN EN 71-3 (security requirements for toys intended for children).				
Hazard classification:	Flammable liquid (R10) according to <i>Council Directive 1999/45/EEC</i> .				
Storing conditions:	Keep the original container tightly closed and store in a dry, cool, frost-free and well ventilated area. The product can be stored up to 2 years.				
Security and disposal information:	Keep product away from children. Do not use in spray cabins where nitrocellulose laquers are processed. Keep away from sources of ignition and refrain from smoking. Ventilate working area during application and drying. Crumpled, soaked cloths may self-ignite at insufficient air supply. Therefore, spread out soaked cloths after use and allow to air-dry or store in a plastic container filled with water before disposal with the domestic waste to avoid the Danger of self-ignition! Do not allow to enter drains, surface waters and groundwater. Empty containers completely and send to a licensed recycler. Dispose of used or contaminated product in accordance with local authority requirements. For further information, please ask for our EC material safety data sheet.				
Product No:	00210				
Pack size,	750 ml	2.5 l	10 l	25 l	200 l
Container material:	interior coated tinplate	interior coated tinplate	interior coated tinplate	interior coated tinplate	metal drum

The information herein is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it is intended. No warranty, express or implied, is made. In case of ambiguities between the German and the English version, the actual German version will be valid. (Version 003 / Dezember 2004)