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TECHNICAL DATA SHEET

OLI NATURA® Hard Wax Oil

OLI NATURA® Hard Wax Oil is a pigment-free oil-wax combination for furniture, stairs and wooden floors, as well as for suitable cork and OSB surfaces in interior applications. It subtly enhances the wood's colour and grain, producing a silk-matt, water- and dirt-repellent finish. It is easy to apply, dries quickly, bears the ECARF seal of approval for allergy-friendliness and has been tested for food contact.

Colour:	Item	Container / Unit	Palette
Natural (unpigmented)	A03675_RG	1 x 2.5 L	160
Natural (unpigmented)	A03675_RG_VE2	2 x 2.5 L	80
Natural (unpigmented)	A03675_RF	1 x 1 L	360
Natural (unpigmented)	A03675_RF_VE6	6 x 1 L	60
Natural (unpigmented)	A03675_TA	1 x 250 ml	
Natural (unpigmented)	A03675_TA_VE24	24 x 250 ml	

** Bulk packs and containers available on request.*

Area of application	▪ New, untreated or freshly sanded timber surfaces in interior applications ▪ Solid wood furniture, solid wood and refurbished staircases, doors and worktops ▪ Wooden floors, floorboards and parquet ▪ Suitable wood-based materials such as multiplex, bamboo, OSB and cork ▪ Domestic, commercial and industrial use
Properties	▪ Oil-wax combination with carnauba wax ▪ Subtle wood grain, silk-matt finish. ▪ Water- and dirt-repellent, breathable and partially repairable ▪ Easy to apply without a primer or intermediate sanding, quick-drying ▪ ECARF-certified and tested for food contact (LFGB).
Complies with/tested to	▪ GISCODE: Ö60+ ▪ Compliant with EU Decopaint ▪ Emissions-tested construction product in accordance with DIBt principles, Z-157.10-18 ▪ ECARF seal for allergy-friendliness ▪ DIN EN 71-3: Migration of certain elements ▪ DIN 53160: Resistance to saliva and sweat ▪ Tested for food contact in accordance with Regulation (EC) No 1935/2004 (LFGB) once fully cured ▪ Free from formaldehyde, aromatic compounds, biocides, preservatives, cobalt and oximes
Notes	▪ Material, surface and ambient temperature: +15 to +25 °C. Avoid direct sunlight and intense heat during application. ▪ For floors with underfloor heating, switch off the heating in good time before application. Maintain the required floor temperature during application and drying. Only gradually switch the heating back on once the floor has dried sufficiently. ▪ The type of wood, its natural colour, finish and absorbency influence the appearance, oil absorption and consumption. Before application, carry out a test application on similarly prepared timber

	and assess the result once dry. This applies in particular to woods and veneers with high natural resin content. ▪ Stir or shake the oil thoroughly before and during application. Mix containers from different batches before use. ▪ To extend the working time when applying to larger areas, OLI NATURA® Natural Hard Wax Oil can be mixed with OLI NATURA® Oil Thinner. Observe the mixing ratio and application instructions. ▪ Protect adjacent surfaces. Remove excess material from the surface; avoid the formation of puddles. ▪ Oxidative drying: Ensure windows are open and there is sufficient air circulation during and after application. ▪ Risk of spontaneous combustion: After use, thoroughly soak oil-soaked rags, cloths and pads with water and then leave them to dry spread out in the open air. Avoid heat build-up. ▪ The timber surface must be clean, dry, absorbent and free from dust, grease, wax, silicone and other separating substances. The permissible timber moisture content is 8–12%
Wood preparation	▪ Completely remove any film-forming old coatings and non-adherent coating residues. Check previously oiled surfaces for compatibility and sufficient absorbency; if necessary, sand down to the bare wood. ▪ Sand the wood professionally and evenly. For walkable surfaces such as floors and stairs, do not use a grit finer than P100–120 for the final sanding; for furniture surfaces, do not use a grit finer than P240. Remove sanding dust thoroughly. Sanding that is too fine or uneven can affect oil absorption and alter the colour tone.
Optional pre-treatments	▪ Sanded wood can be cleaned and pre-treated with diluted OLI NATURA® PreOilCleaner. This improves oil absorption and can reduce the risk of tannin stains. Follow the instructions for use; allow to dry completely before oiling, smooth any raised wood fibres if necessary, and remove all dust thoroughly. ▪ To achieve a leached or smoked colour effect, raw oak can be treated with OLI NATURA® Antique before oiling. Follow the application instructions. Do not use PreOilCleaner before applying Antique
Application	▪ Furniture and stairs: Stir the oil thoroughly and apply it thinly and evenly in the direction of the grain using a brush, flat brush or roller. Re-oil any areas that absorb the oil quickly, if necessary. After 20–30 minutes, remove any excess oil with an oil-absorbent cloth or cotton cloth and polish the surface with a lint-free cotton cloth or white pad. It should feel dry to the touch and not sticky; no excess oil should remain visible. A second coat can be applied after 6–8 hours. Apply this thinly and quickly as well. Note: Small areas or components with awkward shapes can be treated directly with a soaked cotton cloth ▪ Floors: Shake the container well before use or stir the contents thoroughly. For a longer working time on larger areas, mix 10 parts OLI NATURA® Hard Wax Oil Natural thoroughly with 1 part OLI NATURA® Oil Thinner. Test the mixture on a small test area first and apply it quickly. Work in sections of 5–10 m² and apply the oil thinly and evenly using a short-pile roller. Reapply oil to areas that absorb it quickly if necessary. Remove any excess oil with a dry, lint-free cloth. Polish the surface within 30 minutes of application using a white pad until it feels dry to the touch and no excess oil is visible. A second coat can be applied after 6–8 hours; apply this thinly and promptly as well. Machine application: On larger surfaces, the polishing with the white pad can also be carried out using a random-orbit sander; on floors, use a single-disc machine. Industrial application: For use on industrial facilities, please contact our Technical Service: +49 (0)37208 84-210. Coverage: Approx. 40–50 g/m² per coat, corresponding to approx. 20–25 m²/l. Actual coverage depends on the type of wood, sanding and absorbency. Drying: Depending on temperature, humidity and air circulation, dust-dry after approx. 1–2 hours, recoatable after 6–8 hours, can be walked on carefully after approx. 24 hours and fully cured after approx.

5–7 days. Low temperatures, high humidity, poor air circulation and excess product will delay drying.

Care & Cleaning

Sweep or vacuum floors regularly; dust furniture with a dry cloth. Once fully cured, clean with **OLI NATURA® Wood Soap** using a slightly damp cloth if necessary. If the protective finish wears off, refresh the cleaned, fully dried surface with **OLI NATURA® Wood Care Wax**.
Follow the application instructions for the relevant care product. Protect the surface from moisture for the first 5–7 days and do not clean or treat it whilst damp.

Technical data

Solid content	Medium-Solid
VOC	< 500 g/l – well below the EU limit values (Cat. A/f): 700 g/l (2010)
Colours	Natural (unpigmented)
Wood finish:	Subtly enhances the natural wood tone and highlights the grain. The effect depends on the type of wood, its natural colour and the finish.
Coverage:	1–2 coats, each approx. 40–50 g/m ² (1 litre covers approx. 20–25 m ² per coat). Actual coverage depends on the type of wood, the finish and the absorbency. Coats: Usually two on untreated wood. A single coat may suffice for low-traffic components such as shelves and small items, as well as for renovating intact, sufficiently absorbent oiled surfaces.
Application methods:	brush, roller, trowel, sponge, cloth, pad, spray gun, roller applicator
Cleaning of tools:	Clean immediately after use with OLI NATURA® brush cleaner, OLI NATURA® oil thinner or white spirit. Dispose of cleaning residues properly.
Shelf life:	At least 36 months in the unopened original container. Store in a cool, dry and frost-free place. Seal opened containers tightly immediately and use as soon as possible.
Disposal:	Empty containers and product residues must be disposed of in accordance with local regulations.
Composition:	Modified vegetable oils and waxes (including soya oil and carnauba wax), de-aromatised hydrocarbons, cobalt-free drying agents and oxime-free skin-protecting agents.
Safety	Not classified as hazardous under the CLP Regulation; GHS hazard pictograms and signal words are not required. Not a dangerous good. Keep out of reach of children. Oil-soaked rags, cloths and pads may spontaneously combust; observe the instructions for safe handling.

Our written and verbal recommendations on application are provided solely as non-binding advice. They are based on our experience and the current state of practical knowledge. They do not relieve the user of the responsibility to test our products independently to ensure their suitability for the intended purpose. Upon publication of this edition, all previous editions cease to be valid.
Date: September 2026