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TECHNICAL DATA SHEET

OLI-NATURA HS Professional Oil

1K+2K high-solid oil – colourless and coloured.

ALL NATURAL WOOD OIL. ONE LAYER. The all-rounder among high-solid oils. Emission-tested premium oil for all interior wood surfaces – long open time and highly resistant. A single coat is sufficient, even for heavy-duty use. The coordinated initial drying ensures safe, non-sticky oiling even on large surfaces – without visible brush marks. Food contact tested, certified slip resistance, baubook declared (colourless). Its ease of use and high durability make the oil ideal for parquet flooring, stairs, furniture, worktops, bathroom furniture and sustainable construction projects. Available in colourless and coloured versions. For faster curing, better pigment binding and increased durability, **OLI-NATURA Hardener** can be added in a mixing ratio of 10:1.

Colour	Range							
	No. per pallet	160	80	360	60			
	No. per packaging unit	1 x 2.5 L	2 2.5 L	1 x 1 L	6 1 L	1 x 250 ml	6 x 250 ml	1 10 L
Colourless	A01375	☒	☒	☒	☒	☒	☒	☒
Chocolate Brown	A05550	☒	☒	☒	☒	☒	☒	☒
Mahogany Brown	A05551	☒	☒	☒	☒	☒	☒	☒
Terra Brown	A05552	☒	☒	☒	☒	☒	☒	☒
Pale Brown	A05553	☒	☒	☒	☒	☒	☒	☒
Walnut	A01384	☒	☒	☒	☒	☒	☒	☒
Beige Grey	A05554	☒	☒	☒	☒	☒	☒	☒
Umbra Grey	A05556	☒	☒	☒	☒	☒	☒	☒
Traffic Grey	A05557	☒	☒	☒	☒	☒	☒	☒
Jet Black	A05555	☒	☒	☒	☒	☒	☒	☒
Signal White	A05558	☒	☒	☒	☒	☒	☒	☒
Light ivory	A05559	☒	☒	☒	☒	☒	☒	☒
Polar White	A01401	☒	☒	☒	☒	☒	☒	☒

Area of application	▪ Wood indoors ▪ Private, commercial and industrial ▪ Wooden floors & stairs ▪ Solid wood furniture ▪ Worktops & tables ▪ Epoxy resin furniture where maximum transparency is essential
Properties	▪ Protects + colours with just one coat: high-solid impregnating oil based on natural oil for maximum wood saturation ▪ Fast curing, super economical ▪ For all untreated and freshly sanded wood types – ideal for floors, stairs, furniture, worktops and bathroom furniture ▪ Highly transparent without wax content ▪ Penetrates deep into the pores, creating breathable, water- and dirt-repellent natural oil surfaces that are durable, easy to maintain and can be partially refreshed without leaving marks ▪ Use OLI-NATURA HS Hardener for faster curing. Promotes pigment binding and improves anchoring on finely sanded wood, as is common with epoxy resin work.
Complies with/Tested according to	▪ Giscode (colourless): Ö10+ for 1K processing / Ö10+/DD for 2K processing ▪ Giscode (coloured): Ö20+ for 1K processing / Ö20+/DD for 2K processing ▪ VOC content: EU Decopaint compliant ▪ Emissions: Z-157.10-17 – emission-tested building product according to DIBt principles, AgBB compliant ▪ Occupational safety: TRGS compliant (according to TRGS 617) ▪ Slip resistance: tested according to EN 16165:2021-10, Annex B / DGUV Rule 108-003 – Class R10 (colourless), R11 (coloured, 2K) ▪ Sustainability: Baubook-declared (colourless) and compliant with BNB and QNG criteria ▪ DIN EN 71-3 (safety of children's toys) ▪ DIN 53160 (saliva and sweat resistant) ▪ LFGB-tested (suitable for food contact) in accordance with (EC) No. 1935/2004 – after complete curing (colourless) ▪ Free from formaldehyde, aromatics, biocides, preservatives, cobalt and oximes
Notes	▪ Material, object and ambient temperature +15 to +30 °C. ▪ Shake or stir well before use! ▪ Mix containers from different batches before use. ▪ Remove excess material from the surface, avoid puddles. ▪ Carry out a preliminary test on exotic woods and veneers rich in constituents. ▪ Oxidative drying: Ensure windows are open and air can circulate during and after application. ▪ Risk of spontaneous combustion! Store oil-soaked rags under water or spread them out to dry outdoors.
Wood preparation	▪ Sand the wood surface professionally. ▪ Wood sanding for floors P100-120 ▪ Wood sanding for furniture maximum P180 / for finer sanding, use with hardener ▪ The coarser the sanding, the more intense the colouring. ▪ Wood moisture content 8-12% TIP:

Before the final sanding, wipe the wood with OLI-NATURA PreOilCleaner until it is slightly damp. This neutralises any tannic acid, increases the penetration depth of the oil and minimises the risk of water stains and marks later on. Then leave to dry for at least 2 hours.

Processing

Furniture & stairs:

- Depending on the geometry of the object, first apply the oil evenly with a flat brush or oil roller or apply directly to the surface and immediately spread and rub in by hand using a beige pad or using a random orbital sander and a suitable beige pad. The surface must be evenly coated. If the oil is absorbed too quickly, add a little more oil.
- Allow the oil to soak in for a few minutes and polish off the excess oil with a white polishing pad by hand or with a random orbital sander until the surface appears saturated and no longer wet. Wipe off any excess oil with a cotton cloth or oil absorbent cloth and polish until no residue remains. The surface should not feel sticky!
- If necessary, polish again the following day with a white polishing pad and a little oil (5-10 ml/m²).

Floors:

- Apply the oil evenly and thinly with a spatula, oil roller or oil brush. Work in sections of between 5 and 15 m². Re-oil any dry areas.
- Within 60-90 minutes, polish the wet oil with a single-disc or polishing machine with a beige pad. Alternatively, you can also work with a beige super hand pad under the pad holder for telescopic handles. Polish until the wood is saturated.
- For the final polish and to remove any excess oil, polish the surface by hand or with a polishing machine using an oil absorption cloth or white polishing pad. No excess oil should remain on the surface.

Optional with hardener: (shortens the curing time and optimises protection)

- For 2K application, thoroughly mix the two components, oil and OLI-NATURA Hardener, in a ratio of 10 parts oil to 1 part hardener shortly before use. Process the material immediately. Do not pour back any excess material. The pot life is 2-3 hours for colourless oils. Process as described above.

Processing on roller coating machines:

- For more information on the industrial application of this product, please contact our Technical Service: 037208/ 84-210

TIP:

- For smaller areas or components that are geometrically unfavourable or subject to lower stresses, the product can also be applied directly with a saturated cotton cloth and then wiped off.

Consumption: 1 coat, approx. 20-40 ml/m² per coat (approx. 25-50 m²/l), depending on the absorbency of the wood. The application quantities vary depending on the sanding and type of wood.

Drying: Depending on humidity/temperature, the surface is dust dry after 1-2 hours and fully cured after 5-7 days. As a 2K oil, the curing time is reduced to 24 hours. Protect from water and treat gently during this time.

Technical data

Solid content: High

VOC: -

	Encouragement:	High
	Colours:	Natural (unpigmented), various colours, mixing service according to RAL
	Hardener:	(Optional) OLI-NATURA Hardener / MV 10:1
	Applications:	1 x with approx. 20-40 g/m ² (1 litre approx. 25-50 m ² per application)
	Application method:	Spatula, oil roller, oil brush, roller
	Cleaning tools:	Rinse tools immediately after use with environmentally friendly OLI-NATURA brush cleaner or conventional OLI-NATURA oil thinner or white spirit. Dispose of cleaning residues properly
	Storage life:	At least 36 months (colourless) or 24 months (coloured) in the original sealed container. Store in a cool, dry and frost-free place. Opened containers: Seal immediately and use promptly, as contact with air reduces shelf life.
	Disposal:	Empty containers and product residues must be disposed of in accordance with regional regulations.
	Declaration:	Modified vegetable oils, linseed oil, wood oil, castor oil, lead- and cobalt-free dryer, oxime-free anti-skin agent. The coloured variants also contain inorganic and organic colour pigments.
Care & cleaning	Regular cleaning with OLI-NATURA wood soap. Occasional care as needed with OLI-NATURA wood care oil or OLI-NATURA Refresher. Do not wet clean or treat during the first 5-7 days while the oil is still curing.	
Safety	▪ No labelling required, not a hazardous material. ▪ Cloths, pads or sponges soaked in oil can self-ignite due to heat build-up! Therefore, after use, store them under water or moisten them and spread them out to dry outdoors before disposing of them. ▪ P102: Keep out of reach of children. ▪ Further safety information can be found in the safety data sheet at www.oli-lacke.de.	

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