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TECHNICAL DATA SHEET

# OLI-NATURA Linseed Oil Varnish

Linseed oil varnish is "new old school" – an almost forgotten ecological coating that is traditionally used for almost all wooden surfaces and building elements, both indoors and outdoors. The product is LFGB-tested and therefore food-safe.

Colour	Range								
	No. per pallet	160	80	360	60				28
	No. per packaging unit	1 x 2.5 L	2 x 2.5 L	1 x 1 L	6 x 1 L	1 x 250 ml	24 x 250 ml	1 x 10 L	
Colourless	A04266	☒	☒	☒	☒	☒	☒	☒	☒

- Area of application**
- Wood & wood-based materials
  - Indoor & outdoor
  - Private & commercial & industrial
  - Furniture, wooden doors, fences, beams
  - Table tops
  - Chopping boards & woodturning
  - Cotta tiles

- Properties**
- 100% solvent-free, traditional surface protection made from pure cold-pressed linseed oil for indoor and outdoor use
  - Forms a water-repellent and resistant protective layer
  - Surface is breathable, easy to rework, does not flake or crack
  - For furniture, doors, worktops, wall panelling, children's toys, wooden beams and fences – also suitable for Cotta tiles and cork
  - Deepens colour and gives light woods a warm honey tone
  - Highly penetrating with good "creeping properties"

- Complies with/tested according to**
- LFGB certificate (food safe)
  - DIN 71-3 (safety of children's toys)
  - DIN 53160 (saliva and sweat resistant)
  - Cobalt-free & oxime-free, FREE from formaldehyde,
  - aromatics, biocides, preservatives

**Notes**

Material, object and ambient temperature +15 to +30 °C.  
Shake or stir well before use!  
Mix containers from different batches before use.

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Remove excess material from the surface, avoid puddles.  
Conduct 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.

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### Wood preparation

Sand the wood surface professionally.  
Wood sanding for floors P120  
Wood sanding for furniture maximum P180  
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.

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### Processing

#### Application

- Apply the oil evenly and thinly with a brush/cotton cloth in the direction of the grain. Re-oil any dry areas.
- Within 30 minutes, remove wet oil with an oil-absorbent cloth or cotton cloth and polish. The surface should feel dry.
- Once sufficiently dry (16-24 hours), further coats can be applied if necessary.

#### INFO:

Linseed oil varnish that is not absorbed by the wood will leave wet, shiny spots after 30 minutes. This excess must be removed while still wet, otherwise it will dry with a considerable delay, remain sticky for a long time and show differences in gloss.

**Consumption:** 1-3 coats | Depending on the absorbency of the substrate, 60-80 g/m<sup>2</sup> per coat (12-15 m<sup>2</sup>/l)

**Drying:** Depending on humidity and temperature, the oiled surface is dust-dry after 1-2 hours and can be recoated after 16-24 hours. Complete curing is achieved after 21 days. Treat gently during this time.

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### Technical data

<b>Solid content:</b>	High
<b>VOC:</b>	-
<b>Colouring:</b>	High
<b>Colours:</b>	Natural (colourless/unpigmented)
<b>Hardener:</b>	-
<b>Coats:</b>	1-3 coats with approx. 60-80 ml/m <sup>2</sup> (1 litre = approx. 12-16 m <sup>2</sup> per coat)
<b>Application method:</b>	Brush, pad, sponge, cloth
<b>Cleaning of tools:</b>	Rinse tools immediately after use with the environmentally friendly OLI-NATURA brush cleaner or the conventional OLI-NATURA oil thinner or white spirit. Dispose of cleaning residues properly.
<b>Shelf life:</b>	Unopened, at least 36 months. Protect from frost.

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	<b>Disposal:</b>	Empty containers and product residues must be disposed of in accordance with regional regulations.
	<b>Declaration:</b>	Linseed oil, lead-free & cobalt-free manganese dryer (0.4%)
<b>Care &amp; cleaning</b>		Regular cleaning with OLI-NATURA wood soap. Occasional care as needed with itself or OLI-NATURA Refresher. Do not wet clean or maintain during the first 21 days while the oil is still curing.
<b>Safety</b>		No labelling required, not a hazardous material. Further safety information can be found in the safety data sheet at <a href="http://www.oli-lacke.de">www.oli-lacke.de</a> .

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