TECHNICAL DATA SHEET
LINSEED OIL VARNISH

Craft Colors Linseed Oil Wood Varnish is ideal for environmentally friendly and toxin-free wood care, both indoors and outdoors under mild weather conditions. It penetrates deep into the wood structure, thereby increasing its resilience sustainably. Particularly recommended as a care oil for teak wood. Application is done without the addition of additional drying agents. It forms a water-repellent and moisture-regulating layer on the wood surface, remaining breathable. This approach preserves the natural character and properties of the wood. The product effectively protects against dirt and water while imparting a warm tone to light woods. It is also suitable for the production of oil paints.

APPLICATIONS FOR INDOOR AND OUTDOOR USE
- As surface protection for all woods and natural stones
- For the production of oil paints
- For rust protection paints and primer oils

Delivery form:	Colourless
Application area:	Indoor and outdoor
Coverage:	Approx. 8 – 12 m2/ltr.
Specific weight:	Approx. 0.993 g/cm3
Sheen level:	Semi-gloss
Drying time:	Approx. 48 hours (at +20°C and 65% relative humidity)
Shelf life:	At least 1 year (see storage)
Product code:	HSL10
VOC content:	VOC content Linseed Oil Varnish: N/A, VOC content Linseed Oil Varnish 1:1 diluted with test benzene complies with EU limit value for VOC (Cat. A/f) 700 g/l (2010). The diluted linseed oil varnish contains a maximum of 500 g/l.

The stated consumption values are non-binding guidelines per working step on smooth surfaces. Exact consumption values should be determined by a test coating on the component to be coated, considering all pre-work.

COMPOSITION
Binder base: Linseed
Linseed Oil Varnish is a pure and resin-free, double-boiled linseed oil according to DIN 55932 and RAL 848B for safe wood coatings. Linseed oil is obtained from flaxseed and is a pure natural product. It has proven itself for centuries as a natural wood protection. Linseed oil is processed into linseed oil varnish by adding drying agents (siccatives).

SUBSTRATE
It is important that the substrate is dry, clean, and free from grease. Depending on the type of substrate, proper pretreatment according to VOB, Part C, DIN 18363, Section 3 is required. Before the actual coating process, the suitability of material and substrate should be checked by a test coating. This ensures that the desired requirements can be met.

APPLICATION
The temperatures of material, circulating air, and substrate should be at least +5°C. Processing should not be done under extremely high humidity (mist, wetness), rain, or direct sunlight. Special care is required in the risk of overnight frost. When priming raw wood and applying to highly absorbent wood and masonry, it is recommended to dilute this product at a ratio of 1:1 with paint thinner. Application is done by applying with a brush, cloth, or rag in a thin and even layer. Excess material should be removed with a lint-free cloth after drying. Fine sanding is required after complete drying.

PRODUCTION OF OIL PAINTS
For the production of oil paints, it is recommended to mix Craft Colors color pigments into linseed oil varnish to obtain a paste. This paste should then be brought to a spreadable consistency with linseed oil varnish or paint thinner. Before use, the mixture should be shaken well, and after use, it should be carefully sealed. All inorganic and organic pigments can be used for the production of opaque linseed oil paints and primers.

DRYING
To optimise the drying properties of the coatings produced with this product, small amounts of drying agent (siccatives) are usually added. The exact amount depends on the type and composition of the drying agents. Drying is significantly influenced by the ambient temperature and the humidity of the air. Low temperatures and high humidity can delay drying.

TOOL CLEANING
Store tools in the material or under water during breaks. Clean tools immediately after use with paint thinner.

STORAGE
Cool, but frost-free, storable in unopened original containers. Close well after use.

NOTES
Spontaneous combustion, for example, with wetted cloths/sheets or similar, is possible, therefore, burn directly under supervision or let dry in a well-ventilated area. Do not allow contact with porous or absorbent insulating materials, as there is a risk of spontaneous combustion.

ALWAYS CHECK THE LABEL AND PRODUCT INFORMATION BEFORE USE!
These technical notes are for your information only and are based on our research and experience. They can be changed by us without prior notice to comply with the latest state of technology. No warranty can be given due to the diverse influences during application and processing.

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