



# Hard Wax Oil

Hard wax oil made from natural oils



Colour	Availability				
	Quantity per pallet	360	672	200	22
	<b>Size / Quantity</b>	<b>6 x 0,375 l</b>	<b>3 x 0,75 l</b>	<b>2 x 2,5 l</b>	<b>20 l</b>
	Type of container	Tin bucket	Tin bucket	Tin bucket	Tin bucket
	Container code	83	01	03	20
	<b>Art. no.</b>				
clear	0695	■	■	■	■
special colours	0668			■	■

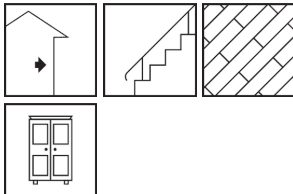
### Application rate

10 - 50 ml/m<sup>2</sup> per coat

The application rate depends greatly on the absorbency of the wood and the final sanded finish.



### Range of use



- Interior wood
- Wooden floors and stairs
- High-quality solid wood furniture
- Panels and moulding
- Cork floors
- Due to continuous wetting, use Worktop Oil [eco] for kitchen worktops.

### Property profile



- Repels dust and dirt for easy-care surfaces
- Penetrates deeply into the wood and emphasises the grain
- Long-lasting, dirt-repelling and hard-wearing
- Resistant to chemicals: DIN 68861, 1C
- Forms a thin protective layer of high quality waxes on the surface

### Characteristic data of the product

Binder	Alkyd resin
Density	Approx. 0.85 g/cm <sup>3</sup>
Runout time s (20° C, DIN 4)	12 - 14
Odour	Mild
Degree of gloss	Matt

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

### Certificates

- **DIN EN 71-3 "Migration of certain elements"**

### Additional information

- **Maintenance of surfaces and flooring finished with oil or pre-treated with HWS-112**
- **Applying oil-based products with a cloth**

### Preparation

#### ■ Substrate requirements

The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.

Wood moisture content: 8-12%

On areas subject to foot traffic, the sandpaper grit used for final sanding should be no finer than P100-120.



For furniture surfaces and similar objects, the sandpaper grit used for final sanding should be no finer than P180.

■ **Substrate preparation**

Thoroughly remove any dirt, grease and non-adhering old coatings.  
Wash off greasy and resin-rich wood with thinner and brush cleaner.  
If you wish to add colour, prime with Decorative Wax Stain or OB-008.

**Directions**



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +15 °C to max. +30 °C.

Stir well.

Apply thinly using a surface brush or roller.

Remove any excess material after approx. 20-30 minutes.

Use cotton rags/cloths on items of furniture.

On larger surfaces, a single disc machine with a white polishing pad can be used.

After leaving to dry overnight, apply a second coat without sanding in between coats.

Seal opened containers well and use contents as soon as possible.

**Tips on use**



Check colour, adhesion and compatibility with the substrate by setting up a trial area.

Before coating technically modified woods and wood-based materials, apply the coating to a trial surface and conduct a suitability test on the desired area of use.

Ensure thorough ventilation during processing and drying.

When sanding wooden surfaces that have been treated with the product, always wear respiratory protection (dust filter mask P2).

**Risk of spontaneous ignition (DGUV Information 209-046). Do not use in the same workplace as NC-based varnishes or stains. Collect contaminated textiles (e.g. cleaning cloths, work clothing, dust bags) in fireproof waste containers and dispose of in a fireproof manner (under water).**

■ **Drying**

Dust-dry: after approx. 3 hours

Touch-dry: after approx. 6 hours

Overcoating: after drying overnight

Full loading capacity: after approx. 7 days

Practice values at +20 °C and 65% relative humidity.

Drying is dependent on the type of wood and the absorbency of the substrate.

Drying time is delayed by excess material on non-absorbent areas, as well as by low temperatures and/or high humidity.

■ **Thinning**

Ready to use

**Notes**

DIN EN 71-3 "Migration of certain elements":

This product complies with the limits for the migration of heavy metals to children's toys according to DIN EN 71-3 and thus fulfils one of several further requirements for the safety of children's toys according to the EU "Toy Directive" (2009/48/EC).

Oil-based products contain natural ingredients. Under the influence of UV light, light exclusion (dark yellowing), heat or individual wood changes, these can lead to a change in the surface. This requires special surface care, please refer to the leaflet on general application instructions for oils and waxes. If these changes are not desired, a stained and lightfast lacquered surface design is recommended.

Dust and loose dirt on floors and stairs should be removed regularly using a soft broom or mop.

For complete care and maintenance, we recommend the use of care products for oiled wooden surfaces.

Follow the instructions provided by the care product manufacturer.

In the event of maintenance, treat the cleaned surface in such a way that it blends in to produce a uniform finish.

Remove water marks or stains on furniture with steel wool (grade 000) and apply a thin layer of the product.

Observe the "Care instructions for oiled surfaces and floors".

**Tools / Cleaning**

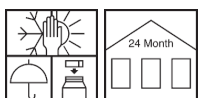


Brush with natural bristles, flat brush, velour roller, wadded rags/lint-free cotton cloth, rotary disc machine with white polishing pad

Clean tools immediately after use with thinner and brush cleaner.

Ensure that any residue from cleaning is disposed of correctly.

**Storage / Shelf life**



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.



**Safety data / Regulations**

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

**Disposal**

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

**VOC content as per the "Decopaint" Directive (2004/42/EC)**

EU limit value for the product (cat A/f): max. 700 g/l (2010).  
This product contains < 700 g/l VOC.

VOC	
Kat.	A/f
2010:	700g/l
max.:	700g/l

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.