

environmentally friendly · no biocides · safe for children's toys

VOC  
< 10 g/l

**Ecoline**   
by SAICOS

Technical data sheet  
August 2010

# Hardwax-Oil

ecologically flawless coating for all wooden and cork floors,  
table and work tops, furniture and other interior wood

long durability · dirt repellent · easy-care

## Product characteristics:

Beautiful, natural and durable surface.

Ecoline Hardwax-Oil (art. 3600Eco) is part of an especially for wooden, cork and bamboo floors and heavily used furniture surfaces developed coating system. It combines the advantages of a oiled wooden surface (natural beauty of the wood gets emphasised) with an exceptional high abrasion resistance and durability and is therefore very easy to clean and maintain.

The Ecoline DuoTop system is healthy-living and breathable. The system, which is easy in handling, is in line with the VOC guide line 2010, slip resistant, can be renovated partially and is low-cost due to a very low material consumption.

## Colours:

3600Eco Colourless satin mat

## Fields of application:

For all kinds of wooden floors (solid wooden floors, parquet, multiply and veneered floors) and surfaces in interior areas (table and work tops, furniture and other interior wood). Furthermore usable for hardwood, exotic and thermo treated wood. If having any doubts please make a test coating on original sample.

## Application:

Preparation: Bare wood surface must be dry and clean (max. humidity 12%). Any lacquer or paint remains need to be sanded off completely. Sand the surface thoroughly. Final sanding should be done with a cross grinding pad or sanding paper min. grain 120 to 150 – also in edge areas. Remove sanding dust with dry cloth or vacuum cleaner.

## Best temperature for application:

15°C to 25°C, the to be coated surface min. 8°C.

## 1st coat:

Stir Ecoline Hardwax-Oil (art. 3600Eco) well – do not thin.

Apply thinly with Ecoline Spring Spatula (art. 0950 027Eco) and disperse. Application quantity approx. 15g/sqm, depending on wood species. Level the primed surface until cloudless appearance with one- or multi-disc rotary machine (white pad) after max. 30 min. Please contact your specialist shop in case of floor with bevel.

Drying: approx. 3–4 hours (depending on temperature and humidity).

After drying a sanding with one- or multi-disc rotary machine (green pad) is possible.

## Subsequent 2nd coat:

Application with Ecoline Spring Spatula. Level the primed surface until cloudless appearance with one- or multi-disc rotary machine (white pad) after max. 30 min. Ecoline Hardwax-Oil is ready to use – do not thin.

Walkable after approx. 8 hours.

## Cleaning of working utensils:

Ecoline Hardwax-Oil (art. 3600Eco) with Brush Cleaner (benzene-free).

All products of the Ecoline DuoTop system are sprayable.

## Number of coatings:

2 x Ecoline Hardwax-Oil (art. 3600Eco)

## Easy cleaning, maintenance and renovation:

Common cleaning with broom, mop, vacuum cleaner or cloth. Can be mopped damply (add Ecoline Wash Care (art. 8101Eco) to water). Persistent dirt and stains (e. g. from rubber soles) can be removed with Ecoline Magic Cleanser (art. 8125Eco/art. 8126Eco), polishing pad or fine Scotchpad.

Surfaces finished with Ecoline Hardwax-Oil (art. 3600Eco) must be renovated with Ecoline Hardwax-Oil (art. 3600Eco).

## Ingredients:

On natural vegetable basis: sunflower, soybean and thistle oil.

Additive: drying agents made of leadfree minerals, 2-Butanonoxim (prevents skin occurrence).

Solvent: aliphatic hydrocarbon = disaromatized white spirit – benzene-free – complies with the purity demands of the European pharmacopoeia.

## Physical characteristics:

Specific gravity: 0.97–0.99 g/cm<sup>3</sup>

Viscosity: slightly thixotropic, creamy

Odour: weak/mild (like natural vegetable oils), odour-free after complete drying.

Flashpoint: over 61°C according to DIN 53213 (identification not required in line with EU guideline).

## Security advice:

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Do not bring into contact with victuals and animal food. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Wash out any used cloth immediately or store in airtight container. Dried coat normally inflammable according to EURO-Norm EN 13501 (DIN4102).

please turn

**Storage properties:**

In unopened original can for at least 5 years.

**Can sizes and coverage:**

0.75 l = approx. 26 m<sup>2</sup> 2 coats

2.5 l = approx. 87 m<sup>2</sup> 2 coats

10.0 l = approx. 348 m<sup>2</sup> 2 coats

(depending on wood species and surface condition).

**Health and environment:**

Ecoline Hardwax-Oil (art. 3600Eco) contains no biocides. The dried finish complies with DIN 53160 T. 1+2 (fast to perspiration and saliva) and EURO-Norm DIN EN71 T. 3 (assessment of migration behaviour) = suitable for children's toys.

EU limit for Hardwax-Oil (cat. A/i): 500 g/l (2010). Ecoline Hardwax-Oil contains max. 100 g/l VOC.

The information above is give to the best of our knowledge but without liability.

All SAICOS products are made exclusively in Germany.

It is our principle to produce and sell just products which are according to current knowledge harmless and riskless during production and usage.



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