

## NATURAL OIL

### Description:

**Biohouse® Natural Oil** is a natural-drying wood finish based on vegetable oils. It is fast drying and suitable for industrial application. It is suitable for all type of interior wooden products, especially for wooden flooring and furniture. Biohouse Natural Oil does not contain any harmful substances and is in compliance with EN71-3 (suitable for children's toy) and FDA food contact safety.

### Quality Certificate:

FDA 21CFR175.300	food contact safety
EN71-3	suitable for children's toy
CEN/TS 15676:2007	Wood flooring-Slip resistance-Pendulum test: SRV "dry" 80; SRV "wet"47
EN 13501-1:2007+A1:2009	Fire classification: Class C fl (on oak solid wood)

### Product No.:

9440 – satin  
9441 – matt  
9446 – white

### Surface Preparation

Wood surface must be clean, dry and frost free, maximum moisture content 20%.

It is recommended to sand the wood surface with sandpaper #180 or #240. Finer sanding will slow down the penetration and prolong the drying time.

### Application:

Stir well before use. Dilution is normally unnecessary.

#### 1. For flooring (by roller coater on a coating line)

1st coat: sponge roller with amount of 35-40g/m<sup>2</sup> .

followed by brushes (if required), to seal inside of pores and also to remove surplus oil;

leave the boards on racks for air drying;

polish after 1<sup>st</sup> coat dry

2nd coat: sponge roller with amount of 25-30g/m<sup>2</sup>

#### 2. For furniture (by brush or cloth)

brush with high quality bristle brush or wipe-on with cloth a thin coat evenly along wood grain. Remove surplus oil after 10-15 minutes. Leave it overnight under good ventilation. Polish or sand with sandpaper 400# after the surface is dry. Apply a second coat with the same method.

**Surface Drying / In-depth Drying**

at 20°C/50% relative humidity

**Touch Dry :**        Approx. 3 hours;

**In-depth Dry:**     24 hours

**Fully Cured:**      7 days

On condition of good ventilation

**Water Resistance**

Highest water resistance will be achieved after fully cured. During this period, please do not clean the surface with wet or cover with carpet.

**Coverage:**

25 - 30 m<sup>2</sup> / L per coat

The above coverage is calculated according to application with brush on smooth surface. Coverage varies greatly on different wood species, surface smoothness, application method, etc.

**Availability:**

Available in 10 liter drum.

**Tool cleaning:**

Use **biohouse® Superclean Thinner 100**.

**Maintenance and renovation:**

For daily cleaning, use water or water added with Biohouse Natural Soap 420.

For maintenance, use Biohouse Maintenance Oil 411 or 418 (aqua).

For renovation, Use Biohouse Natural Oil. No sanding required before renovation. Intense cleaning with Biohouse Natural Soap 420 might be necessary before renovation.

*Please follow instruction of Biohouse maintenance guide to oiled floor.*

**Content:**

Binder based on vegetable oils, titanium dioxide (in case of 9446), disaromatized isoparaffin (benzene free), silica, drying agents (lead free)

**Pot life:**

Can be stored for 2 years if can is full and tightly closed.

**Caution:**

**Cloths impregnated with oil should be put in a bucket of water or stored in a airtight container immediately after use to eliminate any risk of spontaneous combustion common in some natural drying oils.**

Store out of the reach of children. Store cool place.

Hazard class: does not apply (Flash point : 62° C )

**Disposal:**

Liquid paint residues: EAK waste code 200112;EAK classification : paints. Packing material : Tin-plate. Empty containers can be recycled.

(updated Aug, 2022)