

## NATURAL OIL

### Description:

**Biohouse® Natural Oil** is an air-drying oil finish based on vegetable oils. It is mainly for industrial application and is suitable for all type of interior wooden products, especially for wooden flooring. Biohouse Natural Oil is in compliance with EN71-3 (suitable for children's toy).

### Product No.:

9400 - satin

### Surface Preparation

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

The wood surface should be sanded with 120 – 180 grade. Any finer sanding could slow down the penetration and remarkably prolong the drying time.

### Application:

Stir well before use. Dilution is normally unnecessary.

### Application by roller coater of coating line

1 or 2 coats by roller coater, with total amount of 15-22g/m<sup>2</sup>. After each coat, heat the surface with hot-air dryer (temperature around 60°C~90°C) to aid penetration and quicken the surface drying. If hot-air dryer is not available, heat generated by UV lamps will be of value. After the last coat, buff the surface with buffing machine, sisal brush, white nylon pads or cloth disc to remove any residue oil. The surfaces should be left for air drying after coating line.

### Application by buffing machine on installed flooring

On installed flooring, application by buffing machine (150-300rpm) is recommended. Apply the first coat evenly with buffing machine with white or red pad. Apply the second coat with the same method within 30~60 minutes. If necessary, apply the third coat with the same method within 30~60 minutes until the surface cannot absorb more oil. After the last coat, within 30 minutes when the surface is still wet, buffing the surface with cloth pad to remove any residue oil.

### Surface Drying / In-depth Drying

at 20°C <b>Surface Drying</b> :Approx. 2 – 4 hours;	<b>In-depth Drying:</b> 24-48 hours
at 90°C <b>Surface Drying</b> :Approx. 10-20 minutes;	<b>In-depth Drying:</b> 24-48 hours

depending on volume applied and procedures

### Water Resistance

Achieved within 14 days at 20°C under good ventilation. During this period, please do not clean the surface with wet or cover with carpet.

### Availability:

Available in 20 liter drum.

### Tool cleaning:

Use **biohouse® Superclean Thinner 100**.

### Maintenance and renovation:

If it is factory prefinished oiled floor, after installation, please keep good ventilation and avoid wet cleaning, maintenance or carpet covering for the first 14 days. After 14 days a immediate maintenance with proper maintenance product, for example **Biohouse® Wood Care Wax 414**, is recommended to improve the water resistance.

For daily use, maintain with **Biohouse Wood Care Wax 414** according to floor traffic and surface condition, normally once or twice a year for domestic area and once or twice a month for commercial area.

Use **Biohouse® Natural Oil or Hard Wax Oil** to renovate when needed.

No sanding required before maintenance or renovation. Just clean the surface before application.

Biohouse (Shanghai) Co., Ltd.

16H, Building #2, 515 Yishan Rd. Shanghai T: 021-6451 7501 F: 021 2301 0558 [www.biohouse.cn](http://www.biohouse.cn)  
[info@biohouse.cn](mailto:info@biohouse.cn)

**Content:**

Based on natural vegetable oils, dry substances (lead free)

**Pot life:**

Can be stored for 3 years or above 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 : Not available )

**Disposal:**

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

(updated August, 2011)