

LIOS HARD WAX BIOIL

High resistance oil-wax mixture for wood



Description

LIOS HARD WAX BIOIL is a product containing vegetable and synthetic oils and beeswax, which gives the wood a natural and uniform appearance, giving excellent water repellency, hardness and softness to the touch. LIOS HARD WAX BIOIL, thanks to its high coverage and its excellent penetrating power, is recommended for all wooden products. LIOS HARD WAX BIOIL complies with EN 71-3 (suitable for toys: The contact with the hardened film is safe for people and animals), DIN 53169 (resistance to saliva and sweat) and EN 13342 (resistance to chemicals, detergents, coffee)

Characteristics

Application temperature	+10°C ÷ +25°C
Application	buffing machine, brush, cloth, 4 mm mohair Roller, industrial: rubber roller 18/30 shore
Thinning (if necessary)	TURPENTINE, DILUENTE DRV 1
Coverage	1L / 30-35 m ² (Single disk machine); 60-80 g/m ² (mohair roller 4mm); Depending on the type of equipment (roller machine)
Dust dry	3 h ⁽¹⁾
Fingerprint dry	6 h ⁽¹⁾
Sanding	24 h ⁽¹⁾
Gloss level	GL 05 - GL 20 ⁽²⁾
Total drying time	1 week
Storage stability	1 year ⁽³⁾
Packaging	1 L - 5 L
Tool cleaning	DILUENTE DRV 1
1	at 20°C and 65% R.H.
2	onto wet film of 90 micron hardened at 20°C and 65% R. H. for 7 days
3	in original sealed containers at temperatures between +10°C and +25°C

How to use

Roller application:

Sand and Fill the wooden floors sanding with abrasive paper grit 100/120, then use high pro felt to obtain a surface able to absorb the oil evenly.

Shake the product before use and apply a light coat of LIOS HARD WAX BIOIL using either a 4mm roller or a brush following the grain of the wood. After 16/24 hours (depending on temperature and humidity), perform a light sanding with scotch brite or a purple pad, then apply a second coat of product in in the same manner.

Application with single disk machine:

Shake the product before use and spread evenly LIOS HARD WAX BIOIL with single disk machine equipped with a white pad applying the product so as to favor its penetration. Use a rag or a sponge for applications in small corners. After 16/24 hours (depending on temperature and humidity), perform a light

sanding with scotch brite or purple pad then apply a second coat of product in the same manner.

Industrial application:

Shake the product before use and apply a first coat of LIOS HARD WAX BIOIL with rubber roller hardness 18/30 shore, followed by wiping with a white pad to uniform and promote the penetration of the product. After 6/16 h, apply the second coat always with rubber roller hardness 18/30 shore; in this case it is not necessary to wipe with the white pad. Maximum resistance is reached after 10 days at 20° C and 65% of U.R.

N.B: the final effect varies, depending on the application method and the quantities applied, for example: The 4 mm roller application will unload more product on the floor giving higher coverage and a more intense look than a single disk machine application.

Maintenance:

Ordinary cleaning must be carried out with Lios Soft Balm (see technical data sheet); the product is maintained and restored by applying a new coat of Lios Soft Balm.

Warnings

Cloths, sponges and pads used for the application (even sanding dust) must be soaked immediately after use in order to avoid the risk of self-ignition.

Label elements

- Highly flammable liquid and vapour.·
- Repeated exposure may cause skin dryness or cracking.· Contains 2-BUTANONE OXIME. May produce an allergic reaction.
- Keep away from heat / sparks / open flames / hot surfaces. No smoking.· DO NOT induce vomiting.· Wear protective gloves / protective clothing / eye protection / face protection.·
- Contents:NAFTA(PETROLIO), FRAZIONE PESANTE DI HYDROTREATING ETILBENZENE Idrocarburi C11-14 isoalcani ciclici inf. 2% aromatici ;



Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



http://www.chimiver.com/tds/EN_LIOS_HARD_WAX_BIOIL.pdf