

# LED HARD WAX OIL

## Oil based UV LED laquer



### Description

LED HARD WAX OIL is a LED UV curing oil, modified with acrylate oligomers, suitable for varnishing wooden floors. The wooden floors varnished with LED HARD WAX OIL are characterized by excellent hardness, distension and elasticity. It confers the wood item a natural look, soft to the touch and oil-like staining. CERTIFICATES: RESISTANCE TO COLD LIQUIDS (EN 12720) AND RESISTANCE TO SALIVA AND SWEAT (DIN 53160) AND SAFETY OF TOYS (EN 71-3). CERTIFIED ACCORDING TO EN 13501-1.

### Characteristics

Mixture ratio	photoactivated
Colour	Transparent and in 20 standard colors
Thinning (if necessary)	DILUENTE MONOMERICO
Application temperature	+10°C ÷ +25°C
Application	Roller machine, Single head roller coater, Reverse
Coverage	10 gr/m <sup>2</sup> per coat (minimum 2 coats)- CFS1 20 g/m <sup>2</sup>
Flash-Off	n.a.
Hardening	LED lamps at 395 nm minimum 450 mJ/cm <sup>2</sup>
Pot-Life	n.a.
Sanding	immediate after hardening
Overcoating without sanding	n.a.
Wood oxidation	natural effect
Gloss level	10 gloss
Dry residue	99%
Viscosity	60" DIN6 CUP
Specific weight	1,05 Kg/L
Chemical and physical characteristics	excellent
Storage stability	1 year <sup>(1)</sup>
Packaging	25 KG
Machine cleaning	DILUENTE ACETONE
1	in original sealed containers at temperatures between +10°C and +25°C

### How to use

LED HARD WAX OIL is a laquer suitable for the application by roller coating machines. It is crosslinked by LED lamps. Apply 2/3 coats of LED HARD WAX OIL on sanded and prepared media. Ordinary and/or extraordinary maintenance of floors treated with UV LED must be done with VELUREX Cleaner Star SUPER (see relative technical data sheet).

Be careful not to shine the product with natural and/or artificial light, because given the photosensitive nature it could harden and/or compromise its application and final characteristics

CERTIFIED CFS1 ACCORDING TO EN 13501-1 with a total weight of 20 g/m<sup>2</sup>

### Label elements

· Causes serious eye irritation. · Causes skin irritation. · May cause an allergic skin reaction. · Harmful to aquatic life with long lasting effects.

· Avoid breathing dust / fume / gas / mist / vapours / spray. · Wash thoroughly with water after use. · Wear protective gloves / protective clothing / eye protection / face protection. · If skin irritation or rash occurs: Get medical advice / attention. · If eye irritation persists: Get medical advice / attention.

Contents: 1,6-HEXANEDIOL DIACRYLATE; DIPHENYL (2,4,6-TRIMETHYLBENZOYL)-PHOSPHINE OXIDE; GLYCEROL, PROPOXYLATED, ESTERS WITH ACRYLIC ACID ;

