



Technical Data Sheet

Tung Oil

code 3990



DESCRIPTION

100% pure wood oil extract, obtained by pressing the nut of the Tung tree. Natural undercoat oil for interiors and exteriors, dried by air exposure generates a transparent and non-yellowing topcoat that is harder and more water resistant than linseed oil, which does not darken over time. It has a slightly golden colour.

FIELDS OF APPLICATION

Internal and external surfaces in general in rough or polished wood, including material in contact with food: kitchens, cutting boards, salad bowls. Resistant to water, heat and alcohol.

CERTIFICATIONS AND CONFORMITY

Conformity to **EN71.III** Certification Safe for children's toys.

Conformity to **IBR** Certification for green building issued by the Institute of Rosenheim

YIELD

18-22 m² per liter per layer depending on the application method and the degree of absorption of the wood.

CLEANING AND DILUTION

Solvoil 04.

| Characteristics | UM | Value |
|-----------------------|--------------------|-------------|
| Density | g/ cm ³ | 0.94 ± 0.02 |
| Color Gardner | | Max. 8 |
| Iodine number | I2/100g | 155-175 |
| Saponification number | KOH/g | 189-200 |



HOW TO USE



Adequately prepare the surface, which must be clean, dry and free from grease, silicone, oil and old paint residues.



Apply the product with a brush or rag without creating excesses. To facilitate application, dilute the first two coats with Solvoil 04.



Wait 20/30.



Remove any excess using a clean cloth.



Interval the applications of at least 24 hours.



For subsequent coats, dilute the oil with ever smaller quantities of Solvoil 04, until applying pure Tung Oil .



24 hours after the last application, wipe again to help dry and remove any oil that may have surfaced. At least four coats in total, even more for exteriors or porous woods.



For best results, lightly rub with "0000" steel wool after each application.

TECHNICAL RECOMMENDATIONS

Mix well before use. To obtain regular drying, apply uniform and not excessive thicknesses.

The oils are not compatible with primers of a different nature: it is therefore recommended to apply them on raw wood or on finishes previously obtained with oils from the same line.

It is advisable not to apply under the direct action of the sun, on hot surfaces, in the presence of adverse climatic conditions.

Check compatibility (eg colouring, oil content, ability to inhibit hardening) with unknown woods. Some woods, especially strongly colored and/or of exotic origin (eg Lapacho, Ipe, Iroko, Maganoids in general), can inhibit or considerably slow down the hardening of the oil. In these cases it is advisable to apply a very thin first coat and to ventilate the rooms well to favor the drying process.

Always ensure adequate ventilation during and after application to facilitate the oxidative process and therefore allow correct hardening of the layer of oil applied.

The oils are subject to a physiological yellowing, both inside the container and once applied: it is a natural phenomenon that reflects the origin of the raw material.

PACKAGING

| | |
|-----------|-------------|
| Code 3990 | 12 x 150 mL |
| Code 3991 | 12 x 500 mL |
| Code 3992 | 12 x 1 Lt |
| Code 3993 | 2 x 5 Lt |
| Code 3994 | 1 x 20 Lt |

STORAGE

Store in a cool, well-ventilated place; keep container closed when not in use. Keep away from heat, open flames, sparks and other sources of ignition.

The product has a storage time of 24 months from the production date.

WARNING

Read the SDS before use.

Sawdust, cotton cloths, paper and similar products soaked in liquid and left in these conditions can cause self-combustion.

Therefore pay attention, in the case of these materials for cleaning or for anything else, to



promote good ventilation to allow the rapid drying of the product or to wet them with water before disposal.

Observe the safety regulations in force.

Product for professional use.

Our technical data sheets are drawn up on the basis of the average results of our tests. However, our technical advice is given in good faith but without warranty. In fact, different substrates, application conditions, systems, dilutions are an integral part of the final result and often beyond any control. The user must

try the products supplied to check if they are suitable for his needs. For our part, we guarantee the continuity of the chemical-physical characteristics.

Product code: **3990**
Revision: **02 of 06 . 12 .2021**