

Technical Data Sheet

00 of 20.10.2012

DECKING OIL

Danish Oil

DESCRIPTION:

DECKING OIL is a mixture of natural oils, modified with an urethane resin, special for the treatment of outdoor wooden surfaces, such as garden furniture, doors, fences, decks, boats and similar.

Its particular formulation nourishes and protects wood enhancing its natural beauty, while the resins improve the protective effect, making it resistant to water and weathering.

Enriched with UV filters, it keeps wood from turning gray, and makes it appear alive and vibrant in tone. It's perfect for garden furniture, store-houses and pergolas.

Attention: exotic or heavy colored woods can inhibit or slow down a lot the drying process.

PHYSICAL – CHEMICAL CHARACTERISTICS:

Composition:	Urethanic oil with high solid content
Form:	Oily liquid
Odour:	Typical
Solubility in water:	Insoluble
Dilution:	Solvoil 04 or Solvoil Plus
Yield:	10/12 m ² /L
Drying time:	8-12 hours at 20°C
Total drying time:	24 hours at 20°C

HOW TO USE:

Ready-to-use product for all unfinished wood surfaces, can be applied by spray, brush or roller. After ensuring that the surface is free of impurities, apply preferentially three or at least two coats of the product at an interval of at least 8/12 hours to let the first coat dry.

On difficult exotic woods (for a better drying process of the first coat), evaluate the chance of a 20% dilution with Solvoil 04, then spread a thin layer uniformly.

Treated surfaces, if required, can be wax finished or over-painted after a proper sanding process.

PACKAGING:

The product comes in Lt. 1, Lt. 2,5, Lt. 5, Lt. 10 and Lt. 20.



BORMA WACHS®

Wood Professional Cosmetics

STORAGE:

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

WARNING:

Sawdust, cotton cloth, paper and similar products soaked with liquid product and let in such condition may cause spontaneous combustion. Therefore, in case of presence of these materials for cleaning, ensure adequate air ventilation of the rooms in order to allow a rapid drying of the product or wet them with water before disposal.

Our data sheets are prepared on the basis of average performance of our tests. However, our technical advices are given in good faith but without any warranty. In fact different supports, conditions of application, industrial plants, dilutions are determinant for the final result, and are often beyond our control. The user must try the product to see if it is suitable for his needs. We will ensure the continuity of the chemical-physical characteristics.



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Rev. 00 of 20.10.2012

ΛΑΔΙ ΑΣΦΑΛΕΣ ΓΙΑ ΤΡΟΦΙΜΑ

VOC free

DESCRIPTION:

Suitable for materials in contact with food, as kitchen table tops, salad bowls. Kitchenware oil is developed for untreated or previously oiled/sanded wood surfaces. The oil makes the surface highly water and dirt repellent.

PHYSICAL – CHEMICAL CHARACTERISTICS:

Form:	Liquid
Colour:	clear
Odour:	odourless
Density:	0.930 Kg/Lt
Yield:	8-12 m ² /Lt, depending on wood adsorption rate
Application:	by brush, roller or lint-free cotton cloths
Full drying:	24 hours
Cleaning of tools:	white spirit

HOW TO USE:

Surface preparation

If the surface is particularly smooth, sand the surface with sandpaper grit 180. Make sure the wood is dry and avoid of any dirt or grease. After cleaning, let the tabletop dry for at least 8 hours.

Use

Stir very well the content of the can before and during use. Apply by brush a suitable amount of oil in an even, adequate coat. Wait approx. 20-30 minutes at 20°C as the oil penetrates into the wood. If necessary, sand the wood while the surface is still wet. Sand wet lengthwise of the wood grain with abrasive paper 320-400 grain. Then, wipe off all excess oil using a lint-free cotton cloth. Do not leave any excess oil on the surface. Polish the wood carefully using a white polishing pad, which ensures a harder wearing surface. Repeat the treatment on highly adsorbent surfaces. Complete hardening after 24 hours at 20°C. Do not let the tabletop become wet during the hardening process.

Maintenance

Use Kitchenware Oil as often as necessary to restore wood to its original beauty. Before starting the maintenance procedure, make sure wood is clean, and let the surface dry for at least 8 hours.

PACKAGING:

The product comes in 1Lt, 5Lt and 25Lt cans.



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STORAGE:

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Technical data Sheet

REV 00 of 20.10.2012

TUNG OIL

DESCRIPTION:

Borma Tung Oil is a natural, non-toxic product that can be used on toys and objects in contact with food. Suitable for use on exterior oak. Ideal for kitchen furniture, tables and high quality interior wood.

CHEMICAL/PHYSICAL CHARACTERISTICS:

Appearance:	liquid
Specific gravity 20° c:	0,933 – 0,939 gr/ml (DIN 55 933)
Gardner colour:	max. 8 (DIN 55 933)
Refractive index:	1,515 – 1,522 (DIN 55 933)
Iodine number (wijs):	158 - 173 g I ₂ /100g (DIN 55 933)
Ffa:	max. 2,5 % (DIN 55 933)
Saponification value:	189 - 198 mg KOH/g (DIN 55 933)
Gel time:	max. 7.5 Minutes (DIN 55 933)
Rest beta tung oil:	prec. crist. negative

HOW TO USE:

Ready to use. Apply Tung Oil using a brush or lint-free cloth. After at least 30 minutes remove the excess oil using a clean cloth. Allow to dry for 24 hours between coats. At least two coats are recommended; more coats will be required for porous or external surfaces.

After the final coat has been applied, leave for 24 hours and wipe over again to improve the drying process, and remove any oil that may have surfaced. Let it dry for a few days before use, to allow Tung Oil to dry fully.

For regular maintenance of the treated surfaces, apply at least once or twice a year or more if required, depending upon exposure to the weather and usage. On external timbers apply sufficient coats of oil to increase protection.

STORAGE:

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

Keep from freezing.

PACKAGING:

The product comes in 150 mL, 500 mL, 1 Lt and 5 Lt sized containers.



BORMA WACHS®

Wood Professional Cosmetics

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We can guarantee the continuity of the physical and chemical characteristics.



Technical data Sheet

REV 00 of 20.10.2012

ΒΡΑΣΜΕΝΟ ΛΙΝΕΛΑΙΟ

DESCRIPTION:

Linseed oil, filtered and boiled with traditional systems and with the addition of dryers. Resin free. Gives a soft and bright finishing on raw or stripped wood. Ideal for the preparation of oil pigments. Base and finishing oil, natural effect. Penetrates in deep and in wood grain. Bright and natural effect, but not glossy. Suggested also as a sealer for terracotta and other porous surfaces before wax treatment. The treated surface will be soft and delicate, and it will be necessary to recover it periodically to keep its natural beauty.

CHEMICAL/PHYSICAL CHARACTERISTICS:

Acidity (in oleic acid):	max 4%
Colour:	9° - 13° Gardner
Iodine number:	175 - 195
Density (15°C):	0,935 gr/Lt
Linoleic acid content:	45 – 58%
Drying time:	24 hours
Yield:	8-10 m ² /Lt
Maintenance:	Clean the surface with a clean cloth and proceed with a sanding, then apply the oil as required

HOW TO USE:

To facilitate application, for the first coatings dilute the oil with white spirit (30%). Apply uniformly with a clean cloth. After 20 minutes remove the product in excess, to prevent the surface to become sticky. Repeat the process for at least four coatings, each one after at least 24 hours from the last, decreasing progressively the quantity of thinner. For the final coating use non-diluted oil, removing again the product in excess. Wipe the surface with steel wool "0000" to increase the sheen.

STORAGE:

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

PACKAGING:

The product comes in 500 mL, 1 Lt and 5 Lt sized cans.



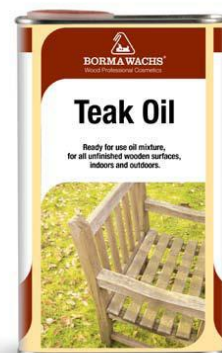
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We will ensure the continuity of the chemical-physical properties.



Scheda Tecnica

REV 00 del 20.10.2012

TEAK OIL

DESCRIPTION:

Borma TEAK OIL is a special blend of oils, ready to use, almost colorless, perfect for the outdoor and indoor protection of raw wood. It donates a water-resistant veil to the treated surface, with a pleasant natural and not-greasy effect. Thanks to its special formulation, enriched with appropriate UV filters and additives against weathering and harmful agents, it penetrates deeply, ennobling the tonality and the natural beauty of the treated surface.

As all the oils it undergoes wear, and so it periodically needs to be restored with extremely ease to perform maintenance cycles. If the support is extremely worn, it is suitable to verify if it needs sanding before the treatment, in order to obtain an increased elasticity.

PHYSICAL – CHEMICAL CHARACTERISTICS:

Appearance :	liquid
Colour :	colourless
Odour :	odourless
Yield:	8/12 m ² /L
Dilution:	Solvoil 04

METHOD OF USAGE:

After the application of Borma fillers to remove superficial defects, apply the product directly by spray or brush on a surface free from grease, oil and wax. Apply more than one coat, at least two, waiting from 4 to 6 hours between consecutive treatments. After complete drying, the support can be finished with further treatments, e.g. for indoor use with Holzschutz.

Warning: the product is overpaintable. If overpainting is necessary, please verify compatibility between products.

PACKAGE:

The product comes in tins 500mL, Lt 1, Lt 5, Lt 10 and Lt 15 sized cans. Available also in spray cans.

STORAGE:

Store in a cool, well ventilated place, keep the container close when not in use. Keep away from heat, flames, sparks and other sources of ignition. Shelf life of the product is 24 months.

FOREWORD:

Sawdust, cotton cloth, paper and similar products soaked with liquid product and let in such condition may cause spontaneous combustion. Therefore, in case of presence of these materials for cleaning, ensure adequate air ventilation of the rooms in order to allow a rapid drying of the product or wet them with water before disposal.

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