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Technical data sheet

ADLER
Paint runs through our veins.

Pullex Teaköl 4419

Solvent-based **oil** for **garden furniture** for DIY and commercial use

PRODUCT DESCRIPTION

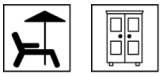
General

Solvent-based oil for the treatment of hardwoods and exotic woods. The product is characterised by good penetration properties, excellent accentuation of the wood and a very good water-repellent effect. Free of active ingredients. Hardening takes place by absorption of atmospheric oxygen (oxidative drying).

Special properties and standards

- Antistatic

Application area



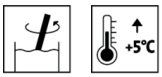
Garden furniture

For normally used surfaces in furniture and interior fittings

Apply a maximum of one thin coat of this product to the inner surfaces of furniture and cabinets on account of possible odours.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 15 - 30 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- For new timber components we recommend an all-over coating.
- Apply the product and leave a short time to take effect and then carefully wipe of the excess with a cotton cloth or pack of gauze in the direction of the fibre. The formation of a film must be avoided at all costs!
- **Attention:** Care should be taken to sand the wood uniformly and to apply the product evenly!
- Resin flow cannot be avoided by the coating.
- Residual plaster (high level of alkalinity) or ferrous dust (rust formation) may lead to black discoloration on larch wood and other types of wood rich in extracts.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.

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Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- Please follow our **ARL 505 - Working guideline for alkyd resin coatings/-glazes and oils.**
- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**

Application technique

	Wiping
Applied quantity per application (ml/m²)	30 - 60

Wiping, particularly good results can be achieved when grinding in with abrasive fleece.

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

Subsequent coating	approx. 6 hour(s)

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

To ensure perfect drying, good room ventilation must be provided. Low ventilation, e.g. from dense stacking, delays drying.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

On types of woods rich in extracts (such as oak, iroko), drying may be delayed.

Cleaning the working equipment

With Adlerol-Terpentinölersatz (7231) immediately after use.

SUBSTRATE

Type of substrate

Hardwoods and softwoods

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Please observe the additional documents:

- ÖNORM B 2230-1
- ÖNORM B 3430-1
- DIN 18363
- BFS data sheet no. 18.

Wood moisture

Hardwoods: 12 ± 2 %

Softwoods: 15 ± 2 %

Substrate preparation

Wood sanding Grit size 180 - 240

Round off any sharp edges.

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Clean resin-rich woods and exotic woods with drying retardants with Nitro-Verdünner 8017 (8017). Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308).

COATING SYSTEM

Primer coat

1 x Pullex Teaköl (4419)

Intermediate drying: approx. 6 hour(s)

Intermediate sanding

Slight smooth sanding: Grit size 280 – 360

Remove sanding dust.

Finishing coat

1 x Pullex Teaköl (4419)

MAINTENANCE

Care

The durability depends on several factors: these include particularly the type of weathering, constructive protection, mechanical stress and the choice of colour applied. To obtain long durability, regular inspection, maintenance and, if necessary, repair measures are necessary .

For **retouching work and maintenance** apply 1 coat of Pullex Teaköl (4419) and remove the excess.

Cleaning with water or mild household cleaners for the first time after 14 days. Use Legno-Reiniger (7003) for greasy stains.

Maintenance

Sand weathered or greyed wood until the raw wood. Alternatively, de-grey with Clean-Multi-Refresher (8317). Further processing as per new coating (see coating system).

On deep-pored hardwoods, e.g. Oak, Iroko, shorter maintenance intervals must be expected.

Colour shade Farblos (colourless): Greying is delayed, not prevented.

Please follow our **ARL 504 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements - Maintenance and Repair.**

ORDERING INFORMATION

Size of trading unit

250 ml, 1 l

Colour shades / Glosslevels

Standard colour(s):
Farblos (4419000200)
Teak (4419050254)

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.

Supplementary products

Adlerol-Terpentinölersatz (7231)
Aviva Fungisan (8308)
Legno-Reiniger (7003)
Nitro-Verdünner 8017 (8017)

Please refer to the corresponding technical data sheets of the products.

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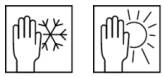
FURTHER DETAILS

Durability / storage 	Min. 3 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C). We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation. Close opened containers well and use up the content as soon as possible.
Giscode	Ö100
Declaration of ingredients according to VdL-RL 01	alkyd resins / inorganic white and coloured pigments / organic pigments / rheology additives / interface additives / wetting agent / aliphatic compounds / glycol ether / light stabilisers / anti-skin agent / drying agents (siccatives)
Safety information	When using cloths that have been soaked with oxidative drying products, there is a risk of spontaneous combustion! Spread soaked cloths out and let them dry; it is necessary to store them in sealed metal containers or under water. During sanding use P2 / P3 dust filter. If the product comes into contact with your eyes, rinse immediately with water. Ensure good ventilation during application and drying. During work, do not eat, drink or smoke. Repeated contact can lead to chapped or cracked skin. Do not allow to enter drains, water courses or soil. Only dispose of empty containers for recycling. Dried material leftovers can be disposed of as household waste. Dispose of liquid material residues at the recycling center or the mobile collection of harmful substances. Using the product in spraying booths, which are contaminated with nitrocellulose-containing spray dust, is prohibited owing to the risk of self-ignition! Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com.**

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