



SPECIAL WOOD OILS

PROTECT AND MAINTAIN

WOODEN DECKS AND TERRACES, FURNITURE AND OTHER WOOD IN THE GARDEN TRANSPARENT - SATIN MAT - **NON SLIP R 9** WEATHER RESISTANT - WATER- AND DIRT REPELLENT - EASY CARE

PRODUCT CHARACTERISTICS:

SAICOS SPECIAL WOOD OIL is a special oil wood stain developed in accordance with the latest results of scientific research to **protect and maintain wooden garden decks and garden furniture** especially hardwoods, pressure impregnated softwoods and thermowood.

SAICOS SPECIAL WOOD OIL penetrates into the wood surface and will not crack, flake, peel or blister. The wood can breathe, moisture can evaporate naturally. The surface becomes water- and dirt repellent and weather resistant. Moisture cannot impair the microporous oil finish.

Another advantage especially for wooden deckings: the treated surface is absolutely slip-proof when dry.

SAICOS SPECIAL WOOD OIL protects and maintains the wood naturally: the natural vegetable oils penetrate into the wood, keeping it healthy and elastic and protecting the surface against weather influences, moisture and dirt. Your garden wood and furniture will remain beautiful and easy-care.

SAICOS SPECIAL WOOD OIL is low in odour and odourless when dry.

It becomes part of the wood and will not need any sanding or scraping in case of renovation: just a new coat on the clean dry surface.

COLOURS:

- 0110 **SPECIAL-OIL** colourless for all wood species, very well suited for teak furniture (unpigmented = no UV protection)
- 0112 **LARCH-, DOUGLAS FIR-, CAN. RED CEDAR-, ACACIA-, MASSARANDUBA- and TIGREWOOD-OIL** natural shade
- 0113 **BANGKIRAI-, IROKO-, IPE- and THERMOWOOD-OIL** natural shade
- 0116 **PINE-OIL** for pressure impregnated pine and other pressure impregnated coniferous woods
- 0118 **TEAK-OIL**, also for JATOBA and LIMBALI natural shade
- 0122 **White** transparent
- 0123 **Grey** transparent
- 0180 **Black** transparent (natural colour shade for dark hardwoods).

All colours are intermixable.

FIELDS OF APPLICATION:

SAICOS SPECIAL WOOD OIL is the appropriate finish for hard and fine woods, thermowood and pressure impregnated woods intended to look "natural", particularly wooden decks, garden furniture, wood on terraces and balconies etc.

Also suited for indoor use (no preservatives, no biocides).

APPLICATION PROCEDURE:

Preparation:

Wood surface must be dry and clean. Remove old varnishes (f. i. from garden furniture). Previously oiled or waxed wood need only be cleaned (if necessary, sand slightly, remove dust). Apply on frostfree wood only.

Wood tending to get blue stain (f. i. pine, douglas fir, larch) pre-treat with one coat of SAICOS WOOD-IMPREGNATION^{biocidefree}.

SAICOS SPECIAL WOOD OIL does not contain biocides or fungicides, nor any conservatives. If additional protection against blue stain, rot, mildew and insect decay is desired, we recommend pre-treatment with SAICOS WOOD-IMPREGNATION (leave to dry at least 18 hrs. before applying end finish) or treatment with our SAICOS PRESERVATIVE WOOD STAIN in the respective colour shade.

Wood with grayed, weathered surfaces can regain their natural appearance by a pre-treatment with SAICOS WOOD BRIGHTENER (de-grayer).

Application:

With SAICOS FLATBRUSH (pure bristles), shorthaired roller, SAICOS FLOOR BRUSH (for wooden decks) or by spraying. SAICOS SPECIAL WOOD OILS are ready to use - do not thin - stir well.

1st coat apply evenly and thinly along wood grain.

Drying time approx. 8 hrs. (depending on temperature and air humidity).

2nd coat apply like the 1st coat.

Drying time again approx. 8 hrs. (dust-dry approx. 4 hrs).

If for the satin-mat surface a more satin finish is desired, apply one coat of SAICOS SPECIAL OIL colourless or SAICOS CLEAR OIL Finish.

Professional application by spraying:

With beaker pistol:

All SAICOS products can be sprayed with a beaker pistol, nozzle size 1,0 - 1,8, spray-gun pressure 1,5 - 2,5 bar.

HVLP (High Volume/Low Pressure)

is a system with a high volume flow and low air pressure. All SAICOS products can be applied with this HVLP system where-by the individual adjustment is important.

Airless/Airmix spraying:

for airless spraying the material is pressed with a pump through the nozzle, and the form of the nozzle decides the result. The pressure depends on the pump and is variable.

All SAICOS products can be applied with this airless and airless plus spraying system. It is recommended to work with low pressure when viscosity is low.

Note: Spraying qualities depend on the nozzles chosen and the spraying pressure. It is recommendable for each user to decide on his individual adjustment as there are different spraying systems on the market (follow manufacturer's directions).

BEST TEMPERATURE FOR APPLICATION:

between 8° C und 35° C.

Apply on frostfree wood surface only.

NUMBER OF APPLICATIONS:

New wood: 2 coats.

Renovation: 1 - 2 coats.

CLEANING OF WORKING UTENSILS:

With SAICOS BRUSH CLEANER^{benzenefree} (disaromatized = low odour).

DRYING TIME:

Approx. 8 hrs after each coat (depending on temperature and air humidity). Dust dry approx. 4 hrs. Oxidative drying, ensure good ventilation (furniture must be completely dry before using).

EASY MAINTENANCE:

The SAICOS SPECIAL WOOD OIL surface is very easy to maintain:

Cleaning: wash or hose down with water.

To remove persistent dirt - f. i. on garden furniture - the use of SAICOS WASH CARE water additive concentrate - has been found helpful.

Eventual green growth can easily be removed with SAICOS GREEN-EX (self-acting green growth remover).

Resin and other wood ingredients remove with SAICOS BRUSH CLEANER (will not impair the finish).

Freshening up: just apply another coat of SAICOS SPECIAL WOOD OIL on clean, dry surface.

Renovating: The SAICOS SPECIAL WOOD OIL can be over-painted any time with the same or a different colour shade, or, if an opaque surface should be desired, with our SAICOS HOUSE & GARDEN COLOUR.

INGREDIENTS:

Based on natural vegetable oils: Sunflower, soybean and thistle oils.

Additives: Zinc-Zirconium-Cobalt-octoates (drying agents from leadfree minerals). 2-Butanonoxim (prevents forming of skin). Polysiloxanes (silicid acid base, extremely water-repellent).

Volatile ingredients: aliphatic hydrocarbons (disaromatized white spirit - benzolefree - complies with purity demands of the European pharmacopoeia).

Pigments: UV-resistant mineral and organic pigments (all permitted for use in the food sector).

EU limit value for Special Wood Oils (cat. A/f): 700 g/l (2010). SAICOS SPECIAL WOOD OILS contains maximum 560 g/l VOC.

PHYSICAL PROPERTIES:

Specific gravity: 0,86 - 0,93 g/cm³ depending on colour shade.
Viscosity: 27 - 29 sec, 3 mm cup, DIN 53211, fluid.

Odour: mild/weak (after natural vegetable oils), odourless when dry.

Flashpoint: over 61° C according to DIN 53213 (EURO-Norm identification not required).

SAFETY ADVICE:

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Do not bring into contact with victuals and animal food. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Do not apply in the presence of naked flames.

Wash out any used cloth immediately or store in airtight container (danger of combustion). Dried coat normally inflammable (EURO-Norm EN 13501 - DIN 4102).

STORAGE PROPERTIES:

Can be stored at least 5 years in closed container.

Frost resistant. If thickened by frost, store at room temperature for some hours to regain normal consistency and stir up well.

COVERAGE CAPACITY PER LITRE:

1 L = approx. 14 m², 2 coats on smooth wood,
= approx. 23 m², 1 coat on smooth wood
(depending on wood specie and surface construction, stratiated wood surface will require more material).

CAN SIZES AND COVERAGE:

0,375 L = approx. 5 m², 2 coats,
(pine oil not in 0,375 L cans),

0,75 L = approx. 10 m², 2 coats,

2,5 L = approx. 35 m², 2 coats,

10,0 L = approx. 140 m², 2 coats,

25,0 L = approx. 350 m², 2 coats,

(dependent upon wood species and state of surface).

HEALTH AND ENVIRONMENT:

SAICOS SPECIAL WOOD OILS contains neither biocides nor preservatives and can therefore also safely be use indoors.

It does not require identification after the ordinance of dangerous materials, and is physiologically harmless.

The dried finish complies with German DIN 53160 T. 1+2 (fast to perspiration and saliva) and the EURO-Norm EN 71 T. 3 (assessment of migration behaviour) = suitable for children's toys.

Characteristic (Index) Xn.

The above information is given to the best of our knowledge but without liability.

All SAICOS products are made in Germany.

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