



Application range	Flute bodies of hardwood: inside and outside. Pale woods such as maple: to keep the colour, prime first with KUNOS Natural Oil Sealer No. 244 in shade 204 White. Not suitable for: flute bodies of plastic.
Technical qualities	Developed for flute bodies: the oil impregnates the wood in depth and cures there – including inside the bore, where the moisture of playing acts. Brings out the wood slightly. Without synthetic binders – bound with linseed oil and natural resin esters. Free from fragrances and essential oils. Tested to DIN EN 71-3 – the toy standard for elements such as lead and cadmium. Fully declared – including the substances that need not be named.
Full declaration	Linseed oil, linseed stand oil natural resin ester, linseed-wood stand oil, natural resin glycerol ester, linseed stand oil, isoaliphates, silicic acid, micronised wax, dehydrated amino sugar, drying agents (Ca, Mn, Zr).
Colour	Clear.
Dilution	Ready to use.
Application method	Remove any skin that may have formed, stir well, apply a test area. One or two coats depending on the absorbency; the simplest way is to oil the whole flute – see page 2.
Coverage	Determine it with a test area; it depends on the type of wood and the sanding.
Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
Drying time	At 23 °C and 50 % relative humidity 12 hours. Warmth shortens the time – remove the excess earlier then; cold and high humidity lengthen it.
Specific gravity	approx. 0.93 g/ml.
Notes	Risk of spontaneous combustion from oil-soaked materials Cleaning cloths, polishing pads, sponges and sanding dust soaked with oil heat up as they dry; crumpled together, the heat builds up and can cause a fire. Therefore do not leave them unattended after use: immerse them in water and dispose of them wet, lay them out singly to dry through, or collect them in a closed metal container – soak the contents before emptying it. The product itself is not self-igniting – neither liquid nor applied. Ensure good ventilation during and after application.
Safety advice	The product is not classified as hazardous under the CLP Regulation. Keep out of reach of children, never decant into food containers. If swallowed, do not induce vomiting; consult a doctor.
Disposal	According to local regulations. Dried residues: household waste.
Container sizes	0.25 l; 0.75 l; 2.5 l.
Storage	Cool and dry. Unopened shelf life at least 3 years. Transfer residues into smaller containers.

Substrate	The wood must be dry, clean, absorbent and free from dust. Before treating, apply a test area in a concealed place – the type of wood and the sanding determine how much oil is taken up.
Priming	Pale woods such as maple keep their colour if the first coat is applied with KUNOS Natural Oil Sealer No. 244 in shade 204 White. Without this priming the wood darkens.
Application	The simplest way is to oil the whole flute – outside and inside the bore: dip it or brush it all over. The excess oil must be removed. After about 15 minutes wipe the outside with a lint-free cotton cloth and pull a folded lint-free cloth through the bore. No oil may remain standing anywhere. If only the outside is treated, take care that no oil runs into the bore. One or two coats depending on the absorbency.
Playing again	After the drying time the flute can be played again. The coating reaches its full resistance after about 4 weeks – until then avoid prolonged contact with water and saliva.
Subsequent treatment	For greater resistance re-treat with KUNOS Care No. 1878 or KUNOS Furniture Oil No. 245; a thin coating then builds up.
Notes	Skin formation A skin may form in an opened container – the oil cross-links with atmospheric oxygen. Remove the skin, the rest remains fully usable; the less air above it, the less often it occurs. Colour The clear coat deepens the natural tone of the wood; it looks somewhat darker and warmer afterwards. Excess oil Oil that does not soak in and remains on the surface dries sticky. Remove the excess within the stated time, earlier when it is warm.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at www.livos.de. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the LIVOS customer service (see p. 1).

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