

# Technical Data Sheet

## LANON Toy Stain No. 210



<b>Range of application</b>	For interior solid wood, e.g. furniture, toys and playground equipment.										
<b>Technical qualities</b>	Color fastness when exposed to perspiration and saliva according to DIN 53160. Suitable for toys according to DIN EN 71 Part 3 (no migration of heavy metals). Contains no preventive blue-staining fungi protection.										
<b>Full declaration</b>	Linseed oil - stand oil - natural resin ester, linseed oil, mineral pigments, titan dioxide, chalk, linseed oil - stand oil, linseed oil - wood oil - stand oil, castor oil - stand oil, dehydrated castor oil, barium sulfate, silicic acid, talcum, micronized wax, isoaliphates, orange oil, dehydrated amino sugar, and drying agents free of lead (Ca, Co, Zr). Without orange oil: 056 sea buckthorn, 116 lime, 126 cornflower, 134 lilac, 416 blood orange.										
<b>Colors</b>	<table><tr><td>056 sea buckthorn</td><td>414 tangerine</td></tr><tr><td>116 lime</td><td>415 orange</td></tr><tr><td>126 cornflower</td><td>416 blood orange</td></tr><tr><td>134 lilac</td><td>417 kiwi</td></tr><tr><td>413 citron</td><td>418 avocado</td></tr></table> <p>These colors are also available for KALDET Transparent Wood Stain No. 270. Colors are inter-mixable. All color tones without orange oil meet the criteria for LIVOS neutral products for allergy-prone, odor and chemically sensitive.</p>	056 sea buckthorn	414 tangerine	116 lime	415 orange	126 cornflower	416 blood orange	134 lilac	417 kiwi	413 citron	418 avocado
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<b>Dilution</b>	With SVALOS Thinner No. 222 or SVALOS Spray Thinner No. 293.										
<b>Application method</b>	By brushing undiluted and thin, spray application (diluted 5 - 10%), or dip application (diluted up to 20%) at temperatures above 12 °C (54 °F) and dry weather. (For further details: see reverse)										
<b>Coverage</b>	1 liter (1,06 fl. quart) undiluted is sufficient for 15 - 30 m <sup>2</sup> (161 - 323 ft <sup>2</sup> ), i.e. 44 ml/m <sup>2</sup> per coat. Coverage could be considerably less depending upon the condition and absorbency of the surface. Always do a test application!										
<b>Drying time</b>	At 23°C (73°F) and 50% relative humidity 12 - 24 hours, subsequent coats may be applied after approximately 24 hours. With higher temperatures, please consider shorter drying times. Ensure good ventilation during application. Drying with good light- and ventilation conditions.										
<b>Cleaning up</b>	Clean equipment immediately after use with SVALOS Thinner No. 222, or LEVO Brush Cleaner Nr. 997.										
<b>Specific gravity</b>	Approximately 0.90 g/ml (deviations possible depending upon the color).										
<b>Safety advice</b>	<p>Ensure good ventilation during and after application. Always be sure to store and dispose cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with LANON Toy Stain No. 210 in an airtight metal container or in water, as there is a danger of combustion caused by plant oil content.</p> <p>The product itself will not combust spontaneously.</p> <table><tr><td>P102</td><td>Keep out of reach of children.</td></tr><tr><td>P301+P310</td><td>IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.</td></tr><tr><td>EUH066</td><td>Repeated exposure may cause skin dryness or cracking.</td></tr><tr><td>EUH208</td><td>Contains limonene, Cobalt (2+) salts. Can cause allergic reactions.</td></tr></table>	P102	Keep out of reach of children.	P301+P310	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.	EUH066	Repeated exposure may cause skin dryness or cracking.	EUH208	Contains limonene, Cobalt (2+) salts. Can cause allergic reactions.		
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<b>Disposal</b>	According to locally regulated laws.										
<b>Container sizes</b>	0.125 lt; 0.75 lt; 2.5 lt; 10 lt.										
<b>Storage</b>	Cool and dry. Shelf life: unopened at least 4 years. Stains in opened containers react with oxygen. The less stain is still there, even more so. Residues should be transferred into smaller containers.										

How to use

## LANON Toy Stain No. 210

<b>Preparation</b>	Stir product thoroughly before use. Remove possible skin formed on surface. The wood must be dry, solid, able to absorb, clean, and free of dust. The moisture content of coniferous wood and tropical hardwoods should not be higher than 15%, of indigenous hardwoods, not higher than 12%. Pre-sand wood gradually (up to 240 grain), prime with DUBNO- Penetrating Oil No. 261. Remove possible excess oil after 20 minutes. Sand in-between after drying.
<b>Application</b>	Depending on the application area and the required protection, apply 1 –3 coatings. Test application.
<b>Renovation</b>	Clean old coatings and sand slightly if necessary. A primer is required only at places where the raw wood is visible after sanding. Otherwise, apply a new coating directly on the cleaned surface, depending on the wear possibly several times.
<b>After-Treatment</b>	Satin glossy surfaces can be reached by rubbing the surface with Toy Stain after the last coat.
<b>Care and cleaning</b>	Remove dirt with TRENA pH-Neutral Cleaner No. 556. If the surface looks dull apply one coat of LANOS Toy Stain No. 210 afterwards.
<b>Important tips</b>	When purchasing more than one container be sure that all containers have the same batch number (5-digit number).  Do not paint over LANON Toy Stain White with other LIVOS oils or natural oil sealers, otherwise yellowing of the treated surface is possible. In low light conditions, color white may yellow due to the linseed oil in the product. The Toy Stain No. 210 is not suitable for the drum procedure. If the stain drips off or bubbles appear during application, an incompatibility exists through the pre-treatment or it has been sanded to smooth. Coarser sanding may possibly create remedy.

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](http://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 retailer, wholesaler, or manufacturer.

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