Technical Data Sheet

BODIOS Toy Paint No. 343

Application range	**Interior:** toys made of softwood. Also suitable for air brush application. **Not suitable for:** hardwoods, areas exposed to splashing water, floors and countertops.
Technical qualities	Water-based. Semi-transparent and matt, wax-containing and polishable. Tested to DIN EN 71-3, the toy standard for the migration of elements such as lead and cadmium. Colours tested: 005, 011, 018, 020, 041, 051, 066, 101, 201, 441, 444 and 445. Free of fragrances, isothiazolinones, plasticisers, microplastics and nanoparticles. Fully declared – including the substances that need not be named.
Full declaration	Water, mineral pigments, polysaccharide, natural resin glycerin ester, beeswax soap, linseed oil, dammar, beeswax, methyl cellulose, larch resin, linseed stand oil, natural resin ester, shellac, silicic acid, castor stand oil, isoaliphatics, proteins, sodium carbonate, citric acid, sodium benzoate.
Colours	005 Sunny yellow · 011 Ochre · 018 Honey yellow · 020 Terracotta · 041 English red · 051 Persian red · 066 Bramble red · 101 Black · 201 White · 440 Linden green · 441 May green · 444 Capri blue · 445 Blue-violet. Inter-mixable.
Dilution	Ready to use.
Application method	Shake or stir well, lay out a test area. **Brush, sponge or air brush** above 12 °C. Apply sparingly and evenly along the grain. Further information on page 2.
Coverage	approx. 57 ml/m², which corresponds to approx. 15–20 m²/l. Guide value; it varies with the substrate – determine it on site.
Cleaning	Clean tools immediately after use with warm water and LATIS Intensive Cleaner No. 551 or TRENA pH-Neutral Cleaner No. 556.
Drying time	Depending on the quantity applied, the temperature and the humidity up to 24 hours. Polishable after 5 to 60 minutes – see page 2.
Specific gravity	approx. 1.02 g/ml.
VOC content	at most 2.9 % under Directive 2004/42/EC.
Notes	**Contact with saliva** Extensive contact with saliva, as it occurs with young children, is not the intended use – the coating has only limited resistance to it. We recommend supervising young children and treating the surface additionally with BODIOS Protection No. 344.
Safety advice	Not classified as hazardous under the CLP Regulation; no labelling required. Keep out of reach of children and never decant into food containers. If swallowed, do not induce vomiting but seek medical advice.
Disposal	According to local regulations. Cured residues: household waste.
Container sizes	0.05 l; 0.5 l; 1 l. Containers made of polyethylene (PE); dispose of emptied containers through the recycling collection.
Storage	Cool, frost-free and dry. Unopened shelf life at least 4 years. Close opened containers tightly.

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Processing Instructions

BODIOS Toy Paint No. 343

Substrate	The wood must be dry, solid, absorbent and free of resin and dust. Sand it finely beforehand, with 220 grit at least.
Coating system	**1.** Shake or stir well. **2.** Apply sparingly and evenly with a brush or a sponge along the grain. **3.** After 5 to 60 minutes polish with a cotton cloth or a natural brush of sisal or leather. If the paint rubs off too much, reduce the pressure or let it dry longer.
After-treatment	For a higher resistance treat the surface with BODIOS Protection No. 344 – it does not tend to yellow.
Cleaning and care	Remove light soiling with TRENA pH-Neutral Cleaner No. 556 diluted 1:5 with water, then treat the whole surface again with BODIOS Toy Paint No. 343. Remove marks of use by sanding and treating the surface again with BODIOS Toy Paint No. 343.
Notes	**Test area** Always lay out a test area first – flaws in the wood come out during polishing. **Wiping techniques** BODIOS colours applied with a sponge so that they run into one another give lively, expressive gradations.

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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