

Technical Data Sheet

TOGIS Textile Printing Ink No. 8100

Application range	For bright and medium colored textiles made of cellulose fiber (cotton, linen and hemp). TOGIS is for wool and silk suitable to only a limited extend.			
Technical qualities	Dilutable with water, excellent light fastness. Good rub fastness after the first machine wash. Washable (without bleaching agent) at up to 60°C depending on fabric type.			
Full declaration	Depending on the color: water, mineral pigments, guar gum, chitosan, acetic acid and silver chloride.			
Colors	8101 White opaque	8102 White	8105 Black	8111 Golden corn
	8115 Sunny yellow	8122 Pumpkin	8131 Coral red	8132 Copper
	8133 Oxide red	8134 Red	8138 Orange	8140 Grass green
	8150 Ultram. blue	8159 Indigo blue	8170 Hazelnut	
	All color tones may be mixed with one another. For color tone adjustment use TOGIS Binder No. 8160 (glazed), white No. 8101 (pastel-colored opaque) or other colors. Every tone may be mixed in any proportion.			
Preparation	Finished textiles must be freed of it by pre-wash or pressure pre-treatment before printing. Stir up well before usage.			
Application method	By rolling-, screen- (film-) and flat printing and after test print. For consistency regulation dilute with up to 5% water or use TOGIS Thickener No. 8161 to increase the viscosity. Can also be used as fabric paint and applied with a brush or stamp. Dries up without fixation and after 24 hours (at approx. 23°C, 50% rel. humidity and good ventilation) the painted textiles are wash-resistant. Before using the painted textiles for the first time, wash them once to remove any loose pigments.			
Consumption	The consumption is to be determined by a test application. It depends on the application method and the fabric quality.			
Cleaning	Clean tools after usage with water immediately. For dried product residues use TOGIS Cleaning Concentrate No. 8165 / No. 8164 (for black and indigo blue).			
Specific gravity	Ca. 1.00 – 1.40 g/ml varies according to the color tone.			
Safety advice	The following safety advices refer to the liquid product and are precautions. Avoid contact with eyes. Children may use the product only under the supervision of adults.			
Disposal	According to locally regulated laws.			
Container sizes	0.05 l; 0.125 l; 1.0 l; 2.5 l; 10.0 l.			
Storage	Cool, but frost-free, dry. Shelf life: unopened at least one year. Storage in the refrigerator extends the shelf life. Close opened product tightly.			

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.

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