

Technical Data Sheet

TOGIS Textile Printing Ink No. 8101-8170

New quality

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|----------------------------|---|-------------------|------------------|------------|------------------|-------------------|--------------|----------------|-------------|----------------|----------|-------------|------------------|-------------------|------------------|---------------|--|
| 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, chitosan, acetic acid, kaolin, methyl cellulose, sodium benzoate. | | | | | | | | | | | | | | | | |
| Colors | <table border="0"> <tr> <td>8101 White opaque</td> <td>8102 White</td> <td>8105 Black</td> <td>8111 Golden corn</td> </tr> <tr> <td>8115 Sunny yellow</td> <td>8122 Pumpkin</td> <td>8131 Coral red</td> <td>8132 Copper</td> </tr> <tr> <td>8133 Oxide red</td> <td>8134 Red</td> <td>8138 Orange</td> <td>8140 Grass green</td> </tr> <tr> <td>8150 Ultram. blue</td> <td>8159 Indigo blue</td> <td>8170 Hazelnut</td> <td></td> </tr> </table> <p>All colors can be mixed with each other. For color tone adjustment, mixable with TOGIS Binder No. 8160 (glazed look), Opaque white No. 8101 (for opaque pastel shades) or other colors in any ratio.</p> | 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 | |
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| 8150 Ultram. blue | 8159 Indigo blue | 8170 Hazelnut | | | | | | | | | | | | | | | |
| 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. After the ink has dried, turn the textile inside out (reverse side) and iron to fix. 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 1 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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