

# OpticalMedia Screen Inks

CD & DVD Decoration

## SERIDISC DK

UV Curing Screen Inks for printing  
on optical media discs

### Features

- UV Curing Inks
- Gloss Finish
- Fast Curing
- Ultra Low Shrinkage
- Trichromatic Colours along with Set of Seritone Colours
- Colour Matching Capability

### Substrate

CD & DVD Polycarbonates

TEST INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN

**SERICOL**  
More than ink...Solutions.  
FUJIFILM

## Thinning

Seridisc DK inks are supplied press ready and thinning is normally not required. But considered necessary may be thinned as follows:

ZE 822	Thinner (Max. Addition 10%)
ZE 808	Gel Additive (Max. Addition 20%)

## Mesh:

Monofilament, yellow, polyester fabric: 150.31PW or meshes that apply similar or lower film weight.

## Stencils:

Stencils can be best prepared with Sericol's stencil making products:

- Xtend Prep 101 for abrasion of screen
- Xtend Prep 102 for degreasing of screen

Emulsions: Dirasol 132 (single pack) or Dirasol 915 (two pack).

## Curing

Seridisc DK inks are designed for printing and curing on typical compact disc printing machines equipped with medium pressure mercury vapour lamps or fusion units.

## Wash Up

Wash up screens with SS-639 Universal Screen Wash. This will ensure long life of stencils made with Dirasol emulsions.

## Accelerated Life Testing

When printed and cured in accordance with our recommendations, Seridisc DK inks are expected to pass any of the artificial ageing and environmental tests that are typically used throughout the optical media manufacturing industry.

## Spin-coat Lacquer

Seridisc DK inks are designed for printing over most commonly available spin-coat lacquers. Because of the wide variations in the chemistry of spin-coat lacquers, printers should ensure that the inks and lacquer are compatible before starting production run.

## Storage

- Keep inks in a cool place (10 deg.C to 25 deg.C), away from direct sunlight.
- Keep the ink can tightly closed when not in use.
- Left over inks should not be returned to the ink can.
- Shelf life is approximately 18 months from the date of manufacture.
- Stir well before use.

## Applications

Seridisc DK inks are used for decoration of optical media, viz., compact discs and DVDs.

## Colour Range

### Trichromatic Colours

DK-004 Seridisc DK Trichromatic Black
DK-052 Seridisc DK Trichromatic Yellow
DK-135 Seridisc DK Trichromatic Magenta
DK-215 Seridisc DK Trichromatic Cyan
DK-396 Seridisc DK Trichromatic Extender Base

### Line Colour

DK-025 Seridisc DK Opaque White
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## Safety and Handling

Seridisc DK inks:

- Are formulated to be free from any (toxic) carcinogenic, mutagenic or reprotoxic chemicals.
- Do not have flash point are therefore exempt from the Highly Flammable Liquid Regulations.
- Are formulated free from lead and other heavy metals and therefore comply to the EN71-3:1995 Toy Safety Standard.

Comprehensive information on the safety and handling of Seridisc DK inks is given in the Material Safety Data Sheet, which is available on request.

## Environmental Information

Seridisc DK inks:

- Do not contain ozone depleting chemicals as described in the Montreal Convention.
- Are formulated free from aromatic hydrocarbons, which are known to have an adverse effect on the environment.
- Are free from volatile solvent.

*The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations*



International Standards  
Certification  
No. Q/CERT/0099

International Standards  
Certification  
No. E/ISO/01/0019

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