

# Graphic Screen **Inks**

Paper & Board

POP Display

## **SUNGLOSS SU**

Good Gloss ink for a wide range of substrates.

### Features

- Oil Based
- Good Gloss
- Excellent Adhesion
- Suitable for Machine and Manual Printing.
- Good Screen Stability and Self Solvency
- Excellent printability with sharp definition
- Good storage stability.

### Substrate

Wide range of Paper and Board substrates, Glass, Tin and some other plastics.

**TEST INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN**

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

## Thinning

Maximum of 20% by weight of ink used. The recommended thinners are:

## Mesh:

Print the Sungloss SU inks through inks through 90/cm to 120/cm, monofilament polyester fabric, depending on the application.

## Stencils:

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

- **Xtend Prep 101** for abrasion and preparation of screen
- **Xtend Prep 102** for degreasing of screen

## Emulsions:

Dirasol 902 or Dirasol 915

## Drying:

**Air Dry:** 1-2 hours.

**Jet Dry:** 65-80 degree centigrade, for upto 20 to 30 minutes.

**Note :** Do not stack prints immediately. Allow sufficient time for through cure preferable over night cure.

## Coverage:

Sungloss SU inks gives 35 to 40 sq.m./kg, when printed through a 90/cm mesh and 50-60 sq.m/kg for 120/cm mesh.

## Wash-Up:

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

## Pre-Production Test:

**End user must determine suitability of this product for the intended use prior to production.**

Always test for adhesion and other properties before each production run because there can often be significant differences between substrates from different manufacturers and even between different batches.

## Storage:

- Keep inks in a cool place, away from direct sunlight.
- Keep lids tightly closed when not in use.
- Any unused ink should not be returned to the can, must be stored separately.
- Shelf life is two years from the date of manufacturing.
- **Stir well before every use.**

## Application:

The Sungloss SU inks are widely used for in Visiting card and Letterhead printing, indoor POP display and metal decoration ect.

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## Colour Range

The Sungloss SU is available in 20 standard intermixable colours, Gold medium, Tinting medium and Process Colours.

## Colour Matches

Colour matches can be supplied against prints and/or wet ink.

### a) Lead Free Colours

SU-001	Black
SU-021	White
SU-102	Post office Red (Light )
SU-121	Scarlet Red
SU-122	Deep Red
SU-126	Magenta
SU-127	Violet
SU-164	Crimson Red
SU-201	Peacock Blue
SU-204	Royal Blue
SU-206	Deep Blue
SU-236	Rich Royal Blue
SU-285	Viridine Green
SU-244	Gold Medium
SU-701	Tinting Medium

### b) Lead Containing Colours

SU-040	Primrose Yellow (T)
SU-041	Lemon Yellow (T)
SU-043	Golden Yellow (T)
SU-114	Orange (T)
SU-325	Emerald Green (T)
SU-343	Brown (T)
SU-1124	Sungloss Parrot Green

## Process (Halftone) Colours

Sungloss SU Ink System consists of trichromatic colours:

SU-004	Process Black
SU-052	Process Yellow
SU-135	Process Magenta
SU-215	Process Cyan

## Sungloss Reducers

TN-180	Reducer
TN-182	Reducer (Slow Drying)
TN-700	Reducer (Fast Drying)
SS-639	Universal Screen Wash

The slow reducer will increase the drying time of print, whilst the fast reducer will decrease the drying time of print.

## Safety and Handling

- Product marked (T) Contain lead and therefore should not be used on objects liable to be chewed by children and may cause harm to unborn child.
- All other products are formulated free from lead and other heavy metals .

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

## Environmental Information

- Sungloss SU ink system does not contain ozone-depleting chemicals as described in the Montreal Convention.

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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 our 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 material vary. For the same reason, our products are sold without warranty and on the condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvements might make some of the information contained in the Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

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