

# Graphic Screen Inks

# Screen

## Labels, Stickers

## POP Display

### **SUPERSILK SK**

**Matt Inks for Wide Range of Plastics**

#### **Features**

- Solvent Based
- Smooth Matt Finish
- High Opacity.
- Suitable for Machine & Manual Printing
- Good Flexibility
- Excellent Screen Stability & Self Solvency
- Fast Drying
- Good Storage Stability

#### **Substrate**

Wide range of plastics such as:

PVC, CAB, ABS, PC, Acrylics & Coated Polyester

**TEST SK INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN**

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

## Thinning

Maximum of 20% by weight of ink used. Various options for thinning are available. Please refer to section on 'Supersilk Reducers'.

## Mesh

Print the Supersilk SK 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 of screen

■ **Xtend Prep 102:** for degreasing of screen

**Emulsions:** Dirasol 132 single pack or Dirasol 915 two-pack.

## Drying

**Air dry:** up to 20 minutes. Do not stack prints immediately. Allow sufficient time for through cure.

**Jet dry:** 55 to 65 degree centigrade, for up to 30 seconds. Prints must be cooled to ambient temperature before stacking.

## Coverage

Supersilk SK inks should give a coverage of 35 to 45 sq.m./kg, when printed through a 120/cm mesh.

## Wash Up

Wash up screens with SS639 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 to three years from the date of manufacture.
- **Stir well before every use.**

## Applications

The Supersilk SK inks are widely used for in door POP display, decals, stickers etc.

## Colour Range

The Supersilk SK is available in 25 standard intermixable colours, High Gloss Transparent colours and Process Colours.

## Colour Matches

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

### a) Lead Free Colours

SK001	Black
SK009	Dense Black
SK020	Super White
SK-021	Untoned White
SK-023	Extra Opaque White
SK-122	Deep Red
SK-126	Magenta
SK-127	Violet
SK-139	Pink
SK-201	Peacock Blue
SK-204	Royal Blue
SK-206	Deep Blue
SK-207	Bronze Blue
SK-236	Rich Royal Blue

### b) Lead Containing Colours

SK-040	Primrose Yellow (T)
SK-041	Lemon Yellow (T)
SK-043	Golden Yellow (T)
SK-114	Orange (T)
SK-120	Indian Red (T)
SK-121	Scarlet Red (T)
SK-164	Crimson Red (T)
SK-285	Viridine Green (T)
SK-325	Emerald Green (T)
SK-343	Brown (T)
SK-1049	SPL Crimson Red (T)

### Supersilk Reducers

TN-183	Reducer
TN-184	Slow Reducer
SS-639	Universal Screen Wash

The reducer (slow drying) will increase the drying time of print.

## Co-Use with other Inks

Supersilk inks may be safely intermixed with Vynoshine VY, although compatibility although compatibility should always be checked before taking production run.

## Safety and Handling

- Products 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 Supersilk SK screen inks and solvents is given in the Material Safety Data Sheet, which is available on request.

## Environmental Information

Supersilk SK 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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