

# Pad Printing Ink

INK-SK/HD

## Ink Data Sheet

**NOTE: Read Safety Data Sheet (SDS) Prior To Use**

### Application:

For rubber, leather, imitation leather, polyamide and polyurethane, elastomers (TPE, Santoprene), soft-touch coatings.

### PROPERTIES:

SK ink is slow drying and semi-glossy. The ink film is elastic and largely follows the contours of the substrate. Compared to ink type PH, printability of pad printing inks SK has been improved considerably with regard to cobwebs (splashing). Moreover, on several substrates a better adhesion is now possible. Thus SK ink can be printed on a broader substrate range. SK inks show medium opacity\*\*

### PROCESSING:

Pad printing inks SK are adjusted to printing consistency with approx. 15-30% B-Thinner. Use TPD for retardation. If higher mechanical resistance or increased adhesion is required, SK inks can also be processed as a 2-component ink. The mixing ratio SK Ink: BH/N Hardener is approx. 10:1 (parts by weight). Pot life of the mixed ink is approx. 8 hours.

### DRYING & CURING:

Ink SK dries to the touch within 1 - 2 minutes at room temperature. Drying time may be reduced with forced hot air at 200 – 400 degrees F. Normally, full cure is achieved after two to three days depending on curing temperature, time, and humidity. Heat curing may increase adhesion and performance results. Mechanical and chemical resistances are not achieved until the ink is fully cured.

### CLEANING:

For cleaning of stencils and tools our standard thinners or Dibasic Ester can be used.

### PACKING:

SK inks are available in 1 liter cans (approx. 1.06 qts.) only.

INK-SK/HD conforms to RoHS, REACH, US C.O.N.E.G. Legislation and European Standard EN 71, Part 3 Safety of Toys.

**STORAGE OF ALL PRODUCTS:** At room temperature 60 to 80 Degrees F with low humidity.

*\*\*Since operating conditions and applications are beyond our control, Trans Tech cannot guarantee results, nor assume liability for any problem that may arise.*

*The user should test the suitability of the product for its intended application. No warranty for results obtained, expressed or implied, can be assumed by Trans Tech.*



**Trusted Partner for Your Product Decorating Needs**

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