KECK-CHIMIE S.A.
67340 Ingwiller / France
Tel. : +33 / 3 88 89 57 33
Fax : +33 / 3 88 89 51 30
mail : info@keck-chimie.com

KECK-SCREEN-PRINTING-INK TYPE 8970

Application : **Keck-Screen-Printing-Ink 8970** is suitable for the printing of PU+PVC-coated materials and full grained leathers. It stands out for a very good adhesion and excellent abrasion resistance.

Processing information : The surface you want to print must be cleaned from dust and dirt shortely before printing by means of a cleaner. Therefore Keck-Cleaner 561 is recommended. Further cleaning with Cleaner 57 improved the results because it opens the surface and therefore gives a better adhesion of the screen-printing-ink.

After this **Keck-Screen-Printing-Ink 8970** is mixed with Hardener D 33 in the advised ratio and is processed with manual or mechanical screen at ambient temperature (15 to 20°C).

The mixing-ratio is :

- **100 parts Screen-Printing-Ink 8970**
- **20 parts Hardener D 33**
- **0 à 20 parts Diluent 79(fast) or 309(slow)**

According to our experience, pot-life of Screen-Printing-Ink is about 4 to 5 hours at room temperature (15 to 20°C). You should not mix more Screen-Printing-Ink with Hardener than you can process during this time. (Attention: ambient temperatures below 10°C rise the viscosity and hinder the printing process).

If the Screen-Printing-Ink thickens during processing, this can be regulated by addition of Diluent 309 or 79. The addition quantity is minimum 5%, maximum 10%. To much dilution causes a prolonged drying time, irritations on the substrate surface, plasticizing of the paint film and a difference in colour shade. Before dilution please make shure **the Screen-Printing-Ink 8970** and the Hardener D 33 are thoroughly mixed.

The quality of our products is always constant, but we are not responsible for their use and their reaction. There is a wide variety of new products on the market made of very different materials and we advise the user to test our products at to ensure that they are suitable for the intended use.

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The drying time at ambient temperature (15 to 20°C) is 2-3 hours, it can be accelerated by means of temperature. The temperature should be maximum 50-60°C over a period of maximum one hour. (Attention: ambient temperatures below 10°C stop the reaction of the ink and the hardener, the ink will stay sticky for a long time).

A final prove, to assess the adherence, should be made after a storage of the test specimens of 5 days ambient temperature.

Technical Data :

1. Base	: Organic and anorganic pigments, polyurethane resins, dissolved in organic solvents.
2. Density	: 1.00 g/cm3
3. Hazardous Classification	: 3
4. Flashpoint	: + 42° C.
5. Storage	: Cool and dry.

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