



SCREEN CHEMICALS

ZERO-IN DUAL SV PLUS VIOLA

Technical Data Sheet N° 31/SC-S

24st May 2007

SCREEN PRINTING

Diazo sensitized prepolymer emulsion for screen printing

- Excellent resistance to solvent-based, UV and Plastisol inks.
- Medium resistance to water-based inks
- Easy to use
- Solvent free
- Excellent mechanical resistance.
- Excellent resolution and perfect shape definition.
- Easy recovering of the screens after printing.
- Short exposure times, good exposure latitude.
- Very good development in water.
- Long pot-life of the sensitized product.

SENSITIZING :

To be sensitized with DIAZO MICRO HD (DIAZO sensitizer of new generation that does not require any pre-solvolyis in water). Ready to use. (see the technical data sheet)

Mix carefully until complete homogenization.
Leave for a few hours to let bubbles off.

DEGREASING:

Cleanser 80 thinned with 4-5 water parts.

GHOST IMAGE REMOVAL: Cleaner Strip 442045

Antighost e Antighost attivatore (161870-161871)

APPLICATION:

Apply the emulsion slowly on perfectly degreased, clean and dry screens, giving two coats on both sides with the help of an automatic machine.

DRYING:

in a forced ventilation oven at 30-35°C temperature for at least an hour.
The screens once prepared can be exposed even two weeks later if they have not been exposed to heat and direct light.

Information contained in this Technical Data Sheet constitute the result of tests carefully carried out and express our best as well as most up-dated know-how. Nevertheless these news are published only as information and can't neither engage the responsibility of our company nor provide a whatsoever pretext for disputes of any kind, which could any how be connected to the usage of above described products. In consideration of the above the usage conditions are not under our control.

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EXPOSURE: Indicative times at about 20°C temperature, relative humidity 50%, 1 meter distance, halogen lamp 5000 Watt:

Threads /cm	Time in sec.
120.34	45"
55.80	105"

We recommend to make preliminary tests to determine exactly the exposure time.

DEVELOPMENT: With water at room temperature for five minutes. Rinse thoroughly with water jet and dry at room temperature or in an oven at max. 30°C

HARDENING: The emulsion does not require any chemical hardening. For more printing resistance, make a second exposure for 60"-90".

LACQUERING: The emulsion does not require any protective lacquering.

RETOUCHES: On perfectly dry screens, retouches can be made with the sensitized emulsion, repeating the exposure.

CLEANING: Tools can be cleaned with water, preferably after use.

RECOVERY :
With POLISTRIP (161800)
With SOLVENTE 610 (152610)
With SOLVENT STRIP (90945)

PACKINGS:
Kit: 1 kg code . M0DUAL SV Plus
Kit : 10 kg (2 x 5) code : M5DUAL SV Plus

CONSERVATION:

State of the product	Conservation
Sensitized emulsion	Up to 1 month if kept in a cool place (4-10°C)
Not sensitized emulsion	About 12 months in the original packing at 20°C
Diazo sensitizer	About 8-10 months if protected from humidity, at 20°C
	About 12 months at 5° C.

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