

Photo Emulsion SUPER COAT



SUPER COAT is the diazo emulsion for use in the making of photo-stencils for screen printing. SUPER COAT provides highest resolution as diazo emulsion. SUPER COAT is recommended for General use , Transfers and Printed circuits boards printings.

■ SUPER COAT consists of the following Three materials.(1kg set)

EMULSION 0.9kg
SENSITIZER 100cc POLY BOTTLE
DYE 10ccPOLY BOTTLE
Additional water 0.1kg(for dissolving sensitizer)
TOTAL 1 kg

■ Use of SUPER COAT

Handle SUPER COAT under subdued light conditions.
Dissolve the sensitizer with 0.1kg water. Pour sensitizer solution into emulsion and mix it thoroughly. Mix dye and emulsion if you need colored emulsion.

■ Pre-Cleaning of screen

In order to get good adhesion between emulsions and screen, use a screen cleaner "SCREEN CLEANER EMC-58".

■ Coating

Coat the sensitized emulsion onto screen
(outer-side which touches directly object materials).

- 1.Stand screen vertically.
- 2.Coat once from bottom to top.
- 3.Turn up side of screen down.
- 4.Coat from bottom to top(opposite direction).

■ Drying

Dry coated screen in temperature not higher than 40℃ for 15~20min.
After drying, the screen should be kept in a cool and dark room.

* Repeat these coating and drying operation until the emulsion becomes the thickness you need.

■ Exposure

Before production use, determine the correct exposure time for your work by some experiments.

■ Reference data

EMULSION	SCREEN		THICKNESS	EXPOSURE TIME
SUPER COAT	Polyester 225mesh Yellow	4kw High pressure mercury lamp	10μm	80sec
		3kw Metal halide lamp		160sec

※Using Light source at 1 meter distance

■ Development

Immerse the exposed screen in water for a few minutes, wash it out with a low-pressure spray of water, and then dry it.

* Re-exposure after developing and drying makes screen emulsion stronger.

■ Please advise in freely.

■ SPEC We will revise & improve without informing

MS MINOSHoji CO.,LTD.
http://www.minoshoji.co.jp

HEAD OFFICE/648 Yakushi-cho Nijo-agaru Nishinotoin Nakagyo-ku,Kyoto,JAPAN
TOKYO OFFICE/6-2-14 Honkomagome Bunkyo-ku,Tokyo,JAPAN
OSAKA OFFICE/3-3-10 Shinmachi Nishi-ku,Osaka,JAPAN
UJI FACTORY/58 Nakagawara Makishimacho Uji,Kyoto,JAPAN



TEL0081-75-211-4416 FAX0081-75-211-4497
TEL0081-3-3947-0505 FAX0081-3-3947-0952
TEL0081-6-6532-3855 FAX0081-6-6533-0030
TEL0081-774-23-5333 FAX0081-774-24-1916



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