

Photo Emulsion MINOLIGHT



MINOLIGHT is the premier quality diazo emulsion for use in the making of photo-stencils for screen printing of textile.
MINOLIGHT is rapid exposure diazo sensitized emulsion which provides highest resolution as diazo emulsion.

■ **MINOLIGHT** 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 MINOLIGHT**

Handle **MINOLIGHT** 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 |
|-----------|----------------------|---|-----------|---------------|
| MINOLIGHT | Polyester 135mesh | UV LAMP : Chemical Lamp 3kW DISTANCE : 1 m | 5μm | 30sec |

※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.

■ **Reinforcing**

Coated emulsion onto screen should be reinforced by Hardener

■ Please advise in freely.

■ SPEC We will revise & improve without informing

SCREEN PRINTING MACHINE & MATERIAL
MS MINOSHOGI CO.,LTD.

<http://www.minoshoji.co.jp>

HEAD OFFICE/648 Yakushi-cho Nijyo-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



ISO9001/2000
ISO14001/2004

12.2005

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