

# Photo Emulsion MSR-608



MSR-608 is one of the fastest diazo emulsions available. Combines excellent resolution and definition with high solvent and mechanical resistance.

■ **MSR-608** consists of the following Three materials.(1kg, 5 kg set)

EMULSION 0.9kg 4.5kg  
SENSITIZER 100 cc POLY BOTTLE 250cc POLY BOTTLE  
DYE 10 cc POLY BOTTLE 30ccPOLY BOTTLE  
Additional water 0.1kg 0.5kg(for dissolving sensitizer)  
TOTAL 1kg 5 kg

■ **Use of MSR-608**

Handle **MSR-608** 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 |
|----------|-----------------------------|--------------------------------|-----------|---------------|
| MSR-608  | Polyester<br>225mesh Yellow | 4kw High pressure mercury lamp | 10μm      | 20sec         |
|          |                             | 3kw Metal halide lamp          |           | 40sec         |

※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

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