

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°C 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

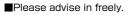
EMULSION	SCREEN		THICKNESS	EXPOSURE TIME
MSR-608	Polyester 225mesh Yellow	4kw High pressure mercury lamp	10µm	20sec
		3kw Metal halide lamp		40sec

*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.





SPEC We will revise & improve without informing MSA

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