

PHOTOCURE TXR

SBQ Direct Emulsion (Non-diazo type)

Features/Application

- One pot presensitized emulsion, ready-to-use. No diazo required.
- Superb resolution, and sharp image definition for fine precision printing applications.
- User friendly thanks to wider exposure latitude.
- High density type emulsion, suited for easier coating and building flat surface profile of stencils.
- Well controlled tuckness on emulsion surface.
- Long shelf life.
- Suitable for textile application or water-based ink system

Specifications

- Viscosity...4500mPa·s (25°C)
 - Solid Contents...41%
 - Packaging Standard...1kg., 5kg., 18kg, 200kg
- ※Contact Murakami for custom packaging.

Exposure Data

Screen Mesh Count/Diameter/Color	E.O.M	3kW Metal Halide lamp 100cm UV intensity: 12mW/cm ²
Polyester 31/71 φ/W	5 μm	15~25 sec.
	15 μm	30~40 sec.
Polyester 59/48 φ/W	5 μm	5~10 sec.
	15 μm	25~35 sec.
Polyester 100/40 φ/Y	15 μm	30~45 sec.

※ This is guidelines only and please use a gray scale calculator to locate the optimized exposure time.



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Instructions

- Wash the screen mesh and remove grease and foreign contaminants with MSP cleanser.
- Coat slowly as possible as you can to prevent air bubbles.
- Dry coated screen at the temperature of 104° F (40°C) completely before exposure.
- Emulsion against temperature but it is better not to dry at high temperature in view of accuracy of dimensions.

【Remarks】

- It is recommended to filter the mixed emulsion with screen mesh before pouring back into scoop coater to remove any dust, foreign contaminants and air bubbles.
- Please store emulsion at cool and UV light free place.

Solvent Resistant Rating

Solvents	Rating	Solvents	Rating
Water	○	Turpentine oil	○
Conventional solvents	×	Citrus based chemicals	○

○ : Good × : Not recommended ※24hours absorption test result

SEM

