

# MURAKAMI T9

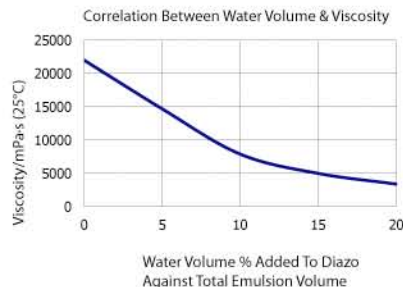
## Water & Solvent Resistant SBQ Direct Emulsion

### Features/Application:

- Pre-sensitized emulsion, ready-to-use. No diazo required.
- Fast Exposure time, faster screen turnaround for volume production.
- High solid contents and viscosity for easy coating and build up of emulsion thickness.
- Suitable for textile application for water-based ink, HSA ink and solvent cleaning.
- Excellent resolution and definition.

### Specifications:

- Viscosity: Approx. 17,000 mPa·s (25°C)
- Solids Contents: Approx. 44%
- Packaging: 1 Gallon (U.S.), 5 Gallon (U.S.) & Drum Sizes Available.



### Exposure Data:

Screen Mesh / Mesh Color	EOM (µm) Coating Procedure	3kw Metal Halide Lamp (UV42 Intensity : 12mW/cm <sup>2</sup> )
Polyester 80/100 White	60µm 1:1 Dull	60 ~ 80 sec.
Polyester 150/48 White	10µm 1:1 Dull	15 ~ 20 sec.
Polyester 150/48 Yellow	15µm 1:1 Dull	20 ~ 30 sec.
Polyester 250/40 Yellow	15µm 1:2 Sharp	45 ~ 60 sec.

\* This is a guideline only. Please use an exposure calculator to determine the correct exposure time.



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### Instructions:

- Wash, degrease and dry screen mesh. Remove grease and any foreign contaminants with MSP cleanser.
- Coat emulsion slowly in order to prevent air bubbles.
- Dry coated screen completely before exposure. Drying temperature up to 40°C (104°F).
- Avoid excessive temperatures when drying screens.

### Remarks:

- Keep the emulsion in a cool and UV light safe area.
- It is recommended to filter the emulsion with screen mesh before purging it back into the container to remove any dust, foreign substances and/or air bubbles.

### Pictures:



### SEM:

