

# AQUASOL T9

Water and solvent Resistant SBQ Direct Emulsion



# MURAKAMI CO., LTD.

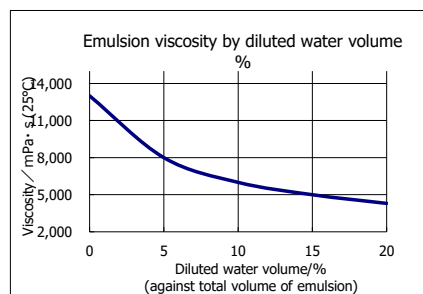
◆ 5-3-10 Yokokawa, Sumida-ku, Tokyo Japan  
URL <http://www.murakami.co.jp/english/>

## 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 emulsion thickness
- Suitable for textile application for water-based ink, HSA ink and solvent cleaning
- Excellent resolution and definition

## Specifications

- Viscosity: Approx. 14,000mPa·s(25°C)
- Solid Contents: Approx. 45%
- Packaging Standards: 1kg, 5kgs, 200kgs  
※Contact us for custom packaging.



## Exposure Data

Screen mesh, Color	EOM (μm) Coating PROCEDURE	Metal Halide Lamp* LED 405nm**
Polyester 31/80-100 White	20 μm P2S2	240 ~ 360 mJ 120 ~ 180 mJ
Polyester 31/80-100 White <u>Dull edge coater</u>	140 μm P2S8	450 ~ 550 mJ 230 ~ 280 mJ
Polyester 59/150-48 White	10 μm P1S1	120 ~ 180 mJ 60 ~ 90 mJ
Polyester 59/150-48 White	20 μm P1S2	180 ~ 300 mJ 90 ~ 150 mJ
Polyester 100/250-40 Yellow	10 μm P2S2	120 ~ 180 mJ 60 ~ 90 mJ

The above is for guideline purposes only. Please use a grayscale exposure calculator to identify optimal exposure time. If you add diazo 1g/kg, please expose 1.5 times as a guide.

\*UV42 Intensity meter

\*\*AITEC SYSTEM UVM-100

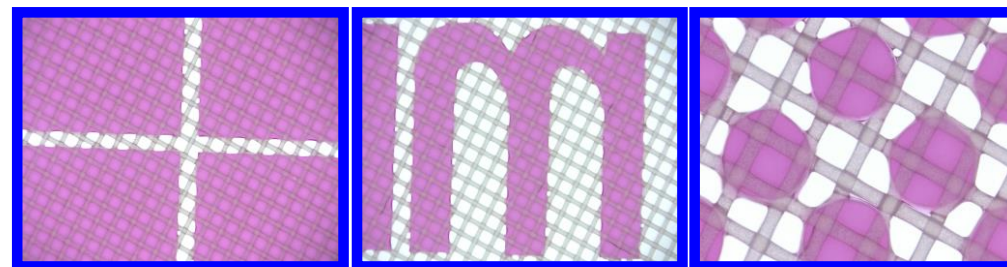
## Instructions

- Wash, degrease and dry screen mesh. Remove grease and foreign contaminants with MSP cleanser.
- Dissolve provided diazo with 2% water of emulsion volume.  
Please do not use warm water.
- Prior to use, let mixed emulsions settle for one day.  
Or for immediate use, filter it with 100/cm or higher.
- 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 temperature for drying screens.

## 【Remarks】

- Keep the mixed emulsion in a cool and UV light safe area and use it within 1 week.
- Recommended to filter remaining emulsion with screen mesh before pouring it back into the container to remove any dust, foreign substances and air bubbles.

## Pictures



## SEM

