

PHOTOCURE GT

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

- Able to use as it is, but adding diazo will improve resolution and impression.
- 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
- Easy to reclaim

Specifications

- Viscosity: Approx. 14,000mPa·s(25°C)
- Solid Contents: Approx. 43%
- Packaging Standards:1kg, 5kgs, 200kgs
※Contact us for custom packaging.

Exposure Data

Screen mesh, Color	EOM (μm)	Metal Halide Lamp* LED 405nm**
Polyester 31mesh/cm-100φ White	20μm Print side 2/Squeegee side 2	240 ~ 360 mJ 120 ~ 180 mJ
Polyester 31mesh/cm-100φ White	140μm Print side 2/Squeegee side 8	450 ~ 550 mJ 230 ~ 280 mJ
Polyester 59mesh/cm-48φ White	10μm Print side 1/Squeegee side 1	120 ~ 180 mJ 60 ~ 90 mJ
Polyester 59mesh/cm-48φ White	20μm Print side 1/Squeegee side 2	180 ~ 300 mJ 90 ~ 150 mJ
Polyester 100mesh/cm-40φ Yellow	10μm Print side 2/Squeegee side 2	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

- Use Murakami MSP cleanser to remove excess grease on mesh.
- 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 slowly to minimize air contamination.
- Dry out the coated screen by fanned warm air at 40°C. (104°F)

【Remarks】

- Please filterate emulsion by mesh fabric for interval use.
- Please handle emulsion gently because of high sensitive emulsion.
- Keep the mixed emulsion in a cool and UV light safe area and use it within 1 week.
- Wearing protective equipment is required. Please confirm SDS for more details.
- To avoid the deterioration of screen,
please be caution for the use of ink and detergent containing the solvents mentioned below.
 - * N-Methyl Pyrrolidone(NMP)
 - * N,N-dimethylformamide
 - * Methanol
 - * Ethanol
 - * Ethylene Glycol
 - * Propylene Glycol

Pictures

