



# UES foils



## MURAKAMI

### PHOTOCURE WSR (US)

#### DUAL CURE TYPE DIRECT PHOTO EMULSION

- Suitable for HSA inks and resistant against solvents used during the cleaning process.
- Applicable also for conventional water based ink and plastisol ink.
- High solid contents and high viscosity provide excellent coating performance and a flat surface with a low Rz value.
- Possible to reclaim.
- High resolution emulsion for reproduction of detailed and fine images.
- Suitable for T-shirt, Textile etc., wide range of industries.



1 kg set



5 kg set



Exposure Data		
Screen Mesh Color	EOM Coating Procedure	3kW Metal Halide Lamp UV42 Intensity: 12mW/cm <sup>2</sup>
Polyester 31/cm(80/inch) White	35 μm P↑S↑↑	180 ~ 210 sec.
Polyester 59/cm(150/inch) White	10 μm P↑S↑	45 ~ 60 sec.
Polyester 59/cm(150/inch) White	15 μm P↑S↑↑	60 ~ 90 sec.
Polyester 100/cm(250/inch) Yellow	15 μm P↑S↑↑	60 ~ 90 sec.

The above is for guideline purposes only. Please use a gray scale exposure calculator to identify the optimal time.

Specifications
<ul style="list-style-type: none"> <li>• Viscosity: ~11,000mPa·s (25°C)</li> <li>• Solid Contents: ~45%</li> <li>• Package: 1 kg set / 5 kg set</li> </ul>

Application Method
<ul style="list-style-type: none"> <li>• Wash the screen mesh and remove grease and foreign substances with MSP cleanser.</li> <li>• Dissolve provided diazo with 10% water of emulsion volume. Please do not use warm water.</li> <li>• Mix diazo solution into emulsion.</li> <li>• Prior to use, let mixed emulsions settle for one day. Or for immediate use, filter it with 100/cm or higher.</li> <li>• Coat emulsion slowly in order to prevent air bubbles.</li> <li>• Dry coated screen completely at temperatures up to 40°C (104°F) before exposure.</li> <li>• Keep the mixed emulsion in a cool and UV light safe area and use it within 1 week.</li> <li>• Recommended to filter the emulsion with screen mesh before returning from coating trough to remove any dust, foreign substances and air bubbles.</li> </ul>

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