

# TSR

## Diazo Direct Type Photo Emulsion



# MURAKAMI

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### Features/ Application

- Applicable for water base ink and plastisol ink.
- High solid content brings for excellent coating performance and ease to make surface of screen stencil flat.
- Ease to reclaim used stencil with strip super (reclaiming agent).
- High resolution can make reproduction of required image.
- Suitable for T-shirt, Textile etc., wide range of industries.

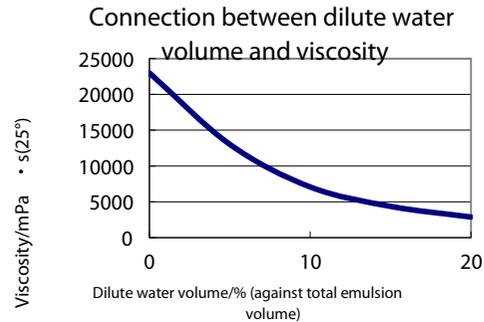
### Specifications

- Viscosity...22000mPa·s (25°)
- Solid Contents...46%
- Packing Standard... 1kg & 5kg set  
Contact us for custom packaging

### Solvent Resistance Rating

Solvents	Rating	Solvent	Rating
Water	☑	Methyl Cellosolve	▲
Toluene	○	Isophoron	○
Acetone	▲	Ethylene Glycol Dinethyl Ether	▲
Ethyl Acetate	▲	Isopropyl Alcohol	☑
Butylcellosolve	○	Methyl Ethyl Ketone	▲
N-Methyl Pyrrolidone (NMP)	×	Butyl Carbitol Acetate	○
Butylacetate	▲	Dimethylformamide	×
Cyclohexanone	▲	Methanol	×
Turpentine Oil	☑	Citrus based chemical	☑

☑ • ○ : Good ▲ : Fair × : Not recommended



### Instructions

- Wash the screen mesh and remove grease and foreign contaminants with MSP cleanser.
- Dissolve provided diazo with water. Pour into emulsion and mix it well.
- Mix diazo solution into emulsion, and stir it well with wooden stir stick.
- Prior to use, let mixed emulsions stand for a day. Or for immediate use, filter emulsions with 250 or higher
- Coat slowly with a firm pressure to prevent air bubbles.
- Dry coated screen completely before exposure.

### 【Remarks】

- Keep the mixed emulsion in a cool and UV light safe area and use it in 2 weeks.
- It is recommended to filter the mixed emulsion with screen mesh before pouring into scoop coater to remove any dust, foreign contaminants and air bubbles.

### Exposure Data

Screen	EOM (μ m)	3kw Metal Halide Lamp (UV42 Intensity : 12mW/cm <sup>2</sup> )
Polyester 31/71 φ /W	35	210 ~ 270 sec.
Polyester 59/48 φ /W	10	90 ~ 105 sec.
Polyester 59/48 φ /W	15	95 ~ 110 sec.
Polyester 100/40 φ /Y	15	100 ~ 130 sec.

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

### SEM

