

SP-1400

Diazo Type Direct Emulsion



MURAKAMI CO., LTD.

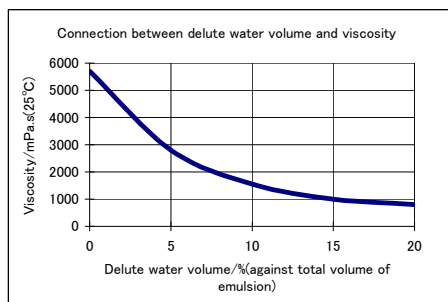
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URL <http://www.murakami.co.jp/english/index.html>

Features/Application

- Widely suitable for water based inks and pastes.
 - Suitable for textiles, banners, T-shirts, towels and water based inks of electronic devices.
 - Faster exposure than normal diazo type emulsion and for improvement in productivity.
 - Easy to reclaim, extended re-use of screen.
- Contact Murakami for stencil remover (Strip Super).

Specifications

- Viscosity...5000~8000mPa·s(25°C)
 - Solids Contents...39.5~43.5%
 - Packaging Standard...1kg set • 5kg set
- ※Contact Murakami for custom packaging.



Exposure Data

Screen	E.O.M (μm)	3kw Metal Halide lamp 80cm UV intensity: 12mW/cm2
Polyester 80S(bias)W	5	70-100 sec.
Polyester 80S(bias)W	15	90-120 sec.
Polyester 150S(bias)W	5	45-60 sec.
Polyester 150S(bias)W	15	60-90 sec.
Polyester 250T(bias)Y	15	60-90 sec.

Instructions

- Wash and degrease screen with MSP cleanser.
- Dissolve provided diazo with water, 10% equivalent to emulsion volume. Pour into emulsion and mix it well. Prior to use, let mixed emulsions stand for a day. Or for immediate use, filter emulsions with 250 or higher mesh to prevent fisheyes or air bubbles.
- Optimum viscosity for both manual / machine coating.
To prevent air bubbles, coat slowly.
- Dry screens with warm breeze. Although emulsions remain stable against hot temperature, to avoid loss of screen tension or accuracy of dimensions, do not dry at high temperature.

【Remarks】

- The shelf life of emulsions mixed with diazo will be shortened. Store in a cool and UV light safe area. Use it in 2 weeks.
- To eliminate pinholes and fisheyes, it is recommended to filter the mixed emulsion with screen mesh before pouring back from scoop coater. It will effectively remove any dust or foreign contaminants, especially when the emulsion container was previously opened and used.

Solvent Resistant Rating

Solvents	Rating	Solvents	Rating
Water	○	Turpentine Oil	○
Conventional Solvents	×	Citrus based chemicals	○

○ : Good △ : Fair × : Not recommended ※24hours absorption test

Microphotograph of print side

