

# SP-300

## Diazo Type Water Resistant Emulsion



# MURAKAMI CO., LTD.

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

### Features/Application

- Easy to coat, developing a flat surface.
- Excellent resistance to water and mineral spirit.
- High cost performance.

### Application

- Textile and graphics.

### Instructions

- Wash and degrease with MSP cleanser.
- Dissolve provided diazo with water, 10% equivalent to emulsion volume. Pour into emulsion and mix it well.
- It is hoped to filter emulsion with mesh before/after you use it to avoid containing of air bubbles or fish eyes.
- The slower you coat emulsion, the smaller the amount of air bubbles containing will be.
- Dry screen after coating with temperature around 40°C.
- ※Drying with too high temperature could change the tension and dimension of screens.
- To keep the mixed emulsion in a cool and UV light safe area and use it in 2 weeks.

### Specifications

- Viscosity...7000 - 10000 mPa·s (25°C) (Before diazo is mixed into it)  
2000 - 3000 mPa·s ( 25°C) with 350cc diazo mixed water to 1 gallon.  
2500 - 4000 mPa·s ( 25°C) with 250cc diazo mixed water to 1 gallon.
- Solids Contents...40 - 43% ( Before diazo is mixed )
- Packaging Standard...1kg set • 5kg set  
※Contact Murakami for custom packaging.

### Exposure Data

Screen	EOM	4000W ultra high pressure mercury lamp at 40", 15.5mW/cm <sup>2</sup>
120T white	5 μ	30-40 sec.

\*The above exposure data is based on the provided exposure light source and specified testing parameters. Take a step wedge test to find the most optimum exposure time with your light source.