

# ONEPOT C2

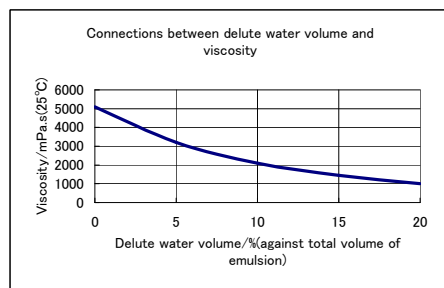
SBQ Direct Emulsion (Non-diazo)

## Features/Application

- One pot presensitized emulsion, ready-to-use. No diazo required.
- Superb resolution, and sharp image definition for finest precision printing applications.
- High density type emulsion, suite for easier coating and building flat surface profile of stencils.
- Long shelf life. Quality is stable even after long months storage.
- Rapid exposure emulsion, suitable for building up thick EOM.
- Suitable for solvent based inks and UV inks.
- Suitable for PCB, plastic, paper printing applications.

## Specifications

- Viscosity...4000~6000mPa·s (25°C)
- Solids Contents...36.0~40.0%
- Packaging Standard...1kg set • 5kg set
- Colour: Blue



## Solvent Resistant Rating

Solvents	Rating	Solvents	Rating
Water	×	Methyl Cellosolve	×
Toluene	○	Isophoron	◎
Acetone	△	Ethylene Glycol Dimethyl Ether	△
Ethyl Acetate	△	Isopropyl Alcohol	○
Butylcellosolve	○	Methyl Ethyl Ketone	△
N-Methyl Pyrrolidone(NMP)	×	Butyl Carbitol Acetate	○
Butylacetate	○	Dimethylformamide	×
Cyclohexanone	×		

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



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## Instructions

- Wash and degrease screen with MSP cleanser.
- Prior to use, mix emulsion then stand for a day. Or for immediate use, filter emulsions with 250 or higher mesh to prevent fisheyes or air bubbles.
- Its viscosity is designed both for manual and machine coating.  
Coat slowly in order to prevent air babbles.
- Dry screens at 40 degree celsius or lower.

## 【Remarks】

- To prevent pinholes or fisheyes, filter the mixed emulsion with screen mesh before use.
- Store in the cool and UV light safe area.

## Exposure Data

Screen	E.O.M.	3kw metal halide lamp 100cm UV intensity: 12mW/cm2
Polyester 150S W	15 μm	30-35s
Polyester 250T Y	15 μm	55-65s
Polyester 300S Y	10 μm	35-40s

\* The above exposure data is for reference only.

Please check the optimum exposure time with your light source.

## Microphotograph of print side

