

SPSI TRU BLUE EMULSION DATA SHEET



Applications

Pre-sensitized all-purpose Solvent and Water Resistant Photopolymer emulsion.

Physical Properties

- ◇ Blue Colored
- ◇ Ultra High Viscosity
- ◇ Ideal for High Density
- ◇ Virtually pinhole and fish eye free
- ◇ Extremely Durable for long print runs
- ◇ Outstanding resolution and edge definition
- ◇ 50% solids
- ◇ Viscosity - 15,000 cps

Handling

Handle under yellow safelight conditions.

Sensitizing

TRU BLUE is a one part emulsion that does not require a diazo to be added. Use straight from container.

Mesh Preparation

It is important to have a clean dry screen before you apply the emulsion. To achieve this use a good degreaser - SPSI Tru Blue Degreaser.

Coating Procedure

Use a clean coating trough that has a smooth edge without nicks or burrs. Coating environment should be in a clean light safe area with 65% humidity level.

1. Apply one or two coats of emulsion to the print side.
2. Reverse the screen and apply one or two coats to the squeegee side. (video <https://youtu.be/CIFJyqgK-f0>)

Drying

Dry the screen in a horizontal position with the print side down in a clean dry room. Follow these guidelines to ensure complete drying:

- ◇ 86° to 104 ° F
- ◇ 30% to 50% relative humidity
- ◇ Good air circulation

*To achieve the desired humidity levels the use of a dehumidifier is recommended

Exposure

For best results use an exposure calculator to determine the exact exposure time. Proper exposure is determined by a emulsion type, emulsion thickness and exposure unit type.

Washout

Gently spray both sides of the screen with water. Wait a moment to allow the emulsion to soften. Wash print side of the screen until the image is fully open. Rinse both sides thoroughly and dry. A vacuum can be used, on the squeegee side, to accelerate drying.

Reclaiming

To remove the emulsion utilize a emulsion remover, a good one to use is SPSI Tru Blue Emulsion Remover

Storage

Store the emulsion in a cool dry place. Unopened emulsion has a shelf life of one year when stored properly. Coated screens will last up to 30 days with good results when stored correctly.

- ◇ 59° to 77° F
- ◇ 40% to 60% humidity

Warning

H317 May cause an allergic skin reaction

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves

P272 Contaminated work clothing should not be allowed out of the

workplace.

P321 Specific treatment (see on this label)

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs:

Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Product Contains: Epoxy Acrylate, (1-methyl-1, 2-ethanediyl)

bis[oxy(methyl-2,1-ethanediyl)] diacrylate, Polymerisation Inhibitor

For more information or questions call

SPSI Customer Service at 800-876-7774

customerservice@spsi.com |

spsi.com