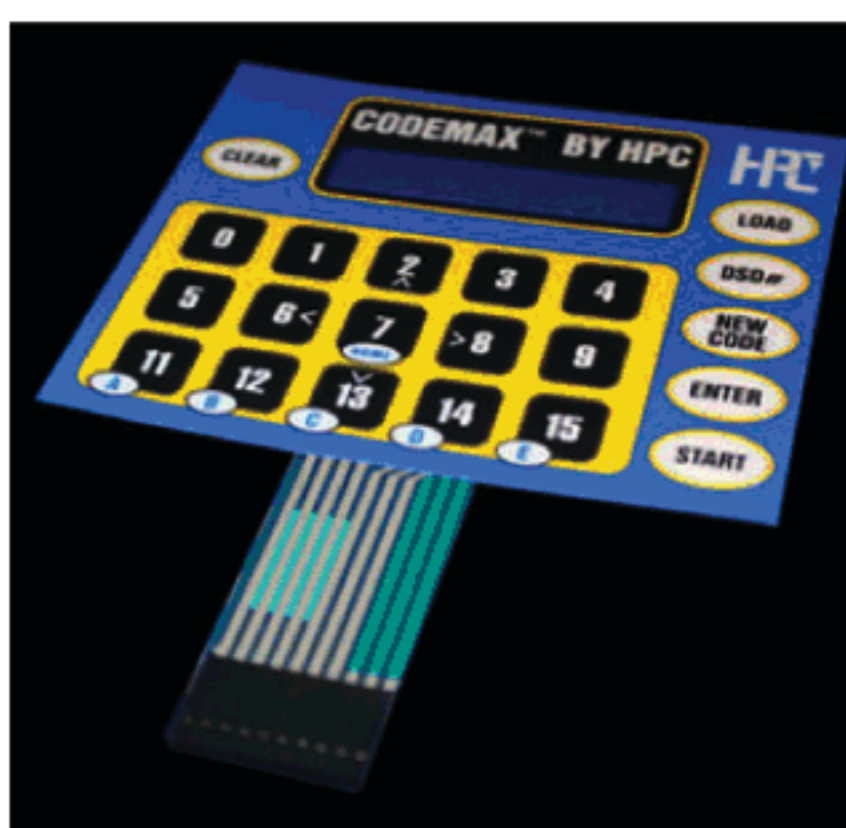
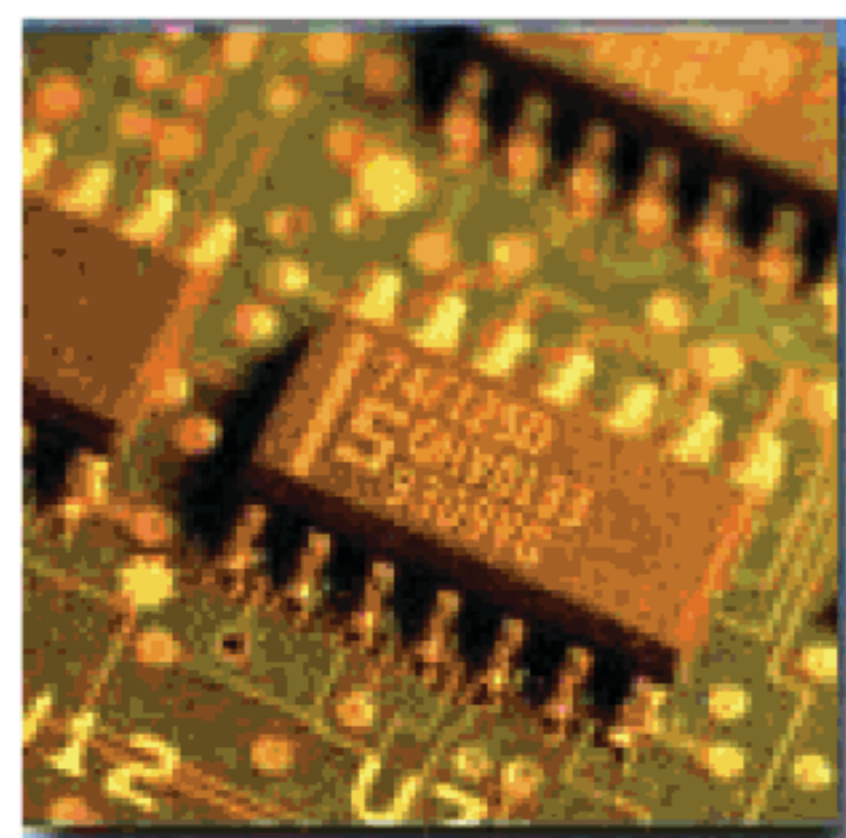


Electronic/Graphic Emulsions

SBQ Pure Photopolymer

- Fast exposing SBQ Pure Photopolymer Emulsion
- High resolution emulsions for accurate halftone reproduction.
- Long pot and shelf life while in storage.



Murakami is the leading manufacturer of emulsions and photo sensitive materials.

We provide custom screens for the following segments of the electronic industry.

- Solar Cells
- Printed Circuit Boards
- MLCC
- TLCC
- Micro Electronics
- Nomenclature

Murakami Screen provides precision mask stencil making services for the Auto, Photovoltaics (PV), printed circuit, and graphics industries.

We offer analysis and consultation on your custom screen needs.

Contact Murakami Screen for more details: 1.800.562.3534

ISO 9001 and ISO 14001 certified.



One Pot Sol C

SBQ Pure Photopolymer

Usage: **E** **G**

- Murakami's premium emulsion. Unsurpassed resolution and definition of fine details.
- For critical high tolerance printing in graphics, electronics, or textiles.
- Universal graphic and commercial printing emulsion, fast exposure. printing.

Solids: 37%
Viscosity: 4500 CPS
Pot Life: 1 Year
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent Electronics, Hi Res Plastisol



Photocure SR

SBQ Pure Photopolymer

Usage: **E** **G**

- Fast exposing large format graphic emulsion. Highly durable on long press runs.
- Good emulsion to substrate contrast for easy set ups and registration.
- Excellent resolution and definition. 1:1 reproduction of art.

Solids: 37%
Viscosity: 5000 CPS
Pot Life: 1 Year
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent, Electronics and Plastisol



MSP-2

SBQ Pure Photopolymer

Usage: **E** **G** **C**

- Excels at electronic circuitry printing. Adheres to stainless and polyester mesh.
- Capable of multiple build up coats to achieve up to 1000 micron thickness.
- Excellent definition. Great mesh adhesion. Withstands abrasive inks.

Solids: 42%
Viscosity: 3,750 CPS
Pot Life: 1 Year.
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent Ink, Electronics, Ceramic Frits.



One Pot DLE

SBQ Pure Photopolymer

Usage: **dip** **G**

- DLP - Direct Light Exposing Emulsion. Large graphic format superstar.
- Prints UV, Solvents, and Water Thinned UV Inks.
- Excellent for water base inks for flags and banner printing. Fast Exposures.

Solids: 27%
Viscosity: 4,500 CPS
Pot Life: 1 Year.
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent Ink, UV Water Thinned.



One Pot Super

SBQ Pure Photopolymer

Usage: **P** **G**

- Projection Emulsion. Extremely sensitive for projection exposure systems.
- Designed for large format graphic printing.
- Prints UV and Solvent Ink Systems

Solids: 25%
Viscosity: 5,000 CPS
Pot Life: 1 Year.
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent Ink, UV Water Thinned.



One Pot WL

SBQ Pure Photopolymer

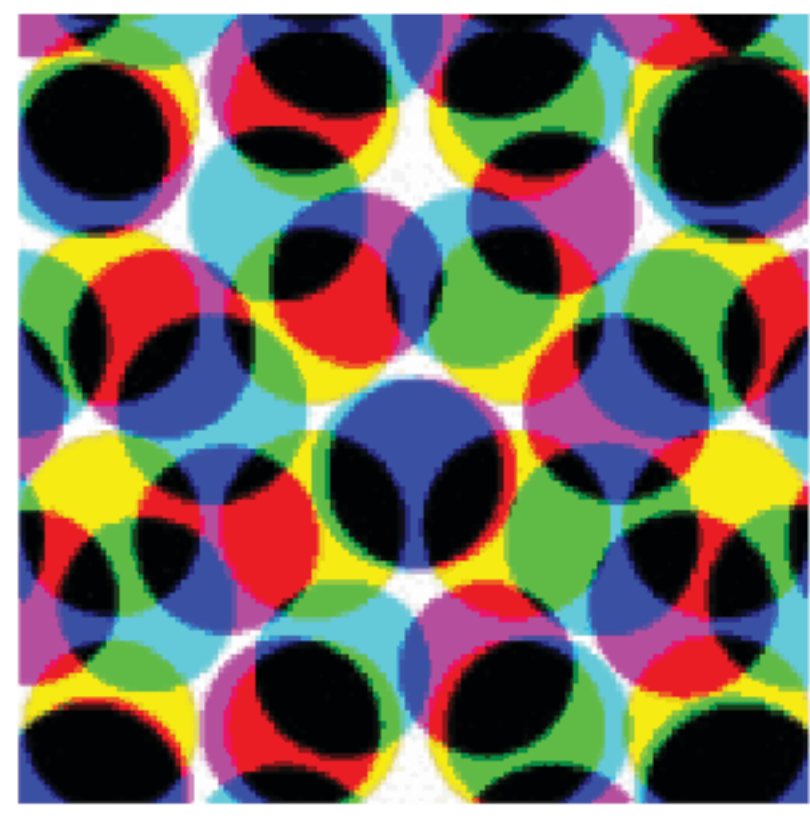
Usage: **G**

- Wide exposure latitude in an SBQ emulsion.
- Accurate reproduction of art.
- Strong solvency resistancy for many difficult graphic ink systems.
- Excellent for simulated process prints on textiles.

Solids: 36%
Viscosity: 5,000 CPS
Pot Life: 1 Year.
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent Inks.



MURAKAMI

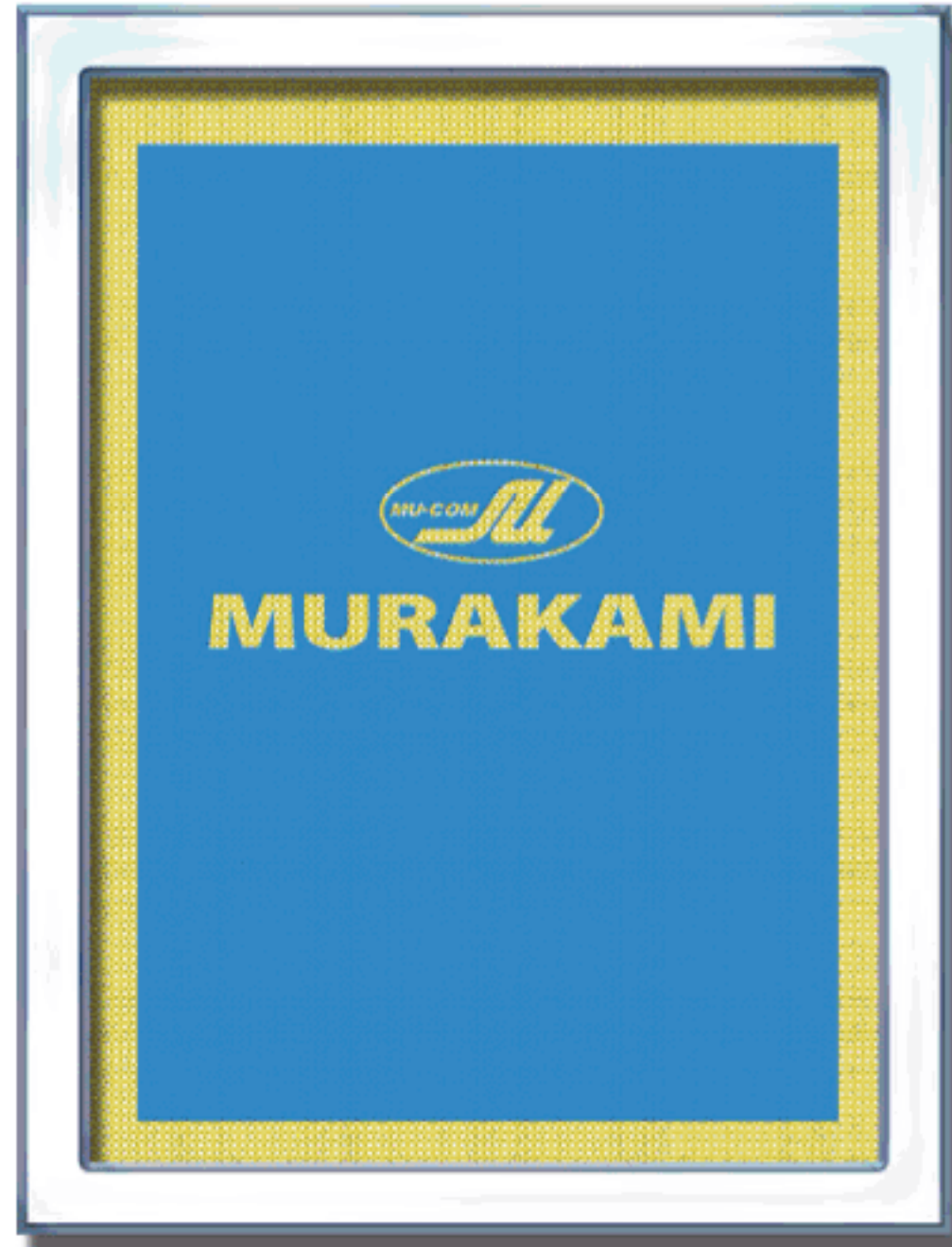


Electronic/Graphic Emulsions

Dual Cure

- Wide exposure latitude to capture fine line or halftone reproduction.
- Strong solvent resistancy for high solvent specialty inks.
- Easy coating, excellent resolution combine to create high quality stencils.

Helpful Tips:



What is the correct coating method?

- Coat slowly with a firm pressure.
- Fast coating speed creates pin-holes. This is caused by bubbles forming behind the mesh knuckles.
- A slow coating speed allows the emulsion to flow through mesh preventing pinholes.
- Use the angles on the end cap of the scoop coater. Place flush against mesh for consistent emulsion thickness over mesh and more consistent exposures.



www.murakamiscreen.com



Advanced 20

Dual Cure Emulsion

Usage: **E** **G**

- High performance Dual Cure Emulsion
- Excellent resolution and edge quality.
- Exhibits low surface tack, excels at simulated process printing of fine halftones and fine trace circuitry printing.

Solids: 38%
Viscosity: 12,000 CPS
Pot Life: 4-6 weeks with diazo.
Coated Screen: 1 Month
Ink Systems: UV Inks Solvent, Electronic pastes and inks.



SP-9500

Dual Cure Emulsion

Usage: **E** **G**

- Murakami's premium dual cure graphic emulsion. Excellent solvent resistance.
- Produces strong durable stencils to withstand aggressive solvent inks.
- Excellent detail. Capable of a wide variety of ink and print applications.

Solids: 36%
Viscosity: 11,000 CPS
Pot Life: 4-6 weeks with diazo.
Coated Screen: 1 Month
Ink Systems: Hot Solvent inks, UV inks, Epoxy Ink.



Photocure PRO

Dual Cure Emulsion

Usage: **E** **G**

- Dual Cure Emulsion for high resolution graphics printing as well as electronic pastes and inks.
- Humidity resistant, dries quickly, excellent exposures, easy development.
- Exhibits low surface tack, excels at simulated process printing of fine halftones.

Solids: 38%
Viscosity: 12,000 CPS
Pot Life: 4-6 weeks with diazo.
Coated Screen: 1 Month
Ink Systems: UV Inks, Solvent, Electronics pastes and inks.

Electronics and Graphics - Diazo



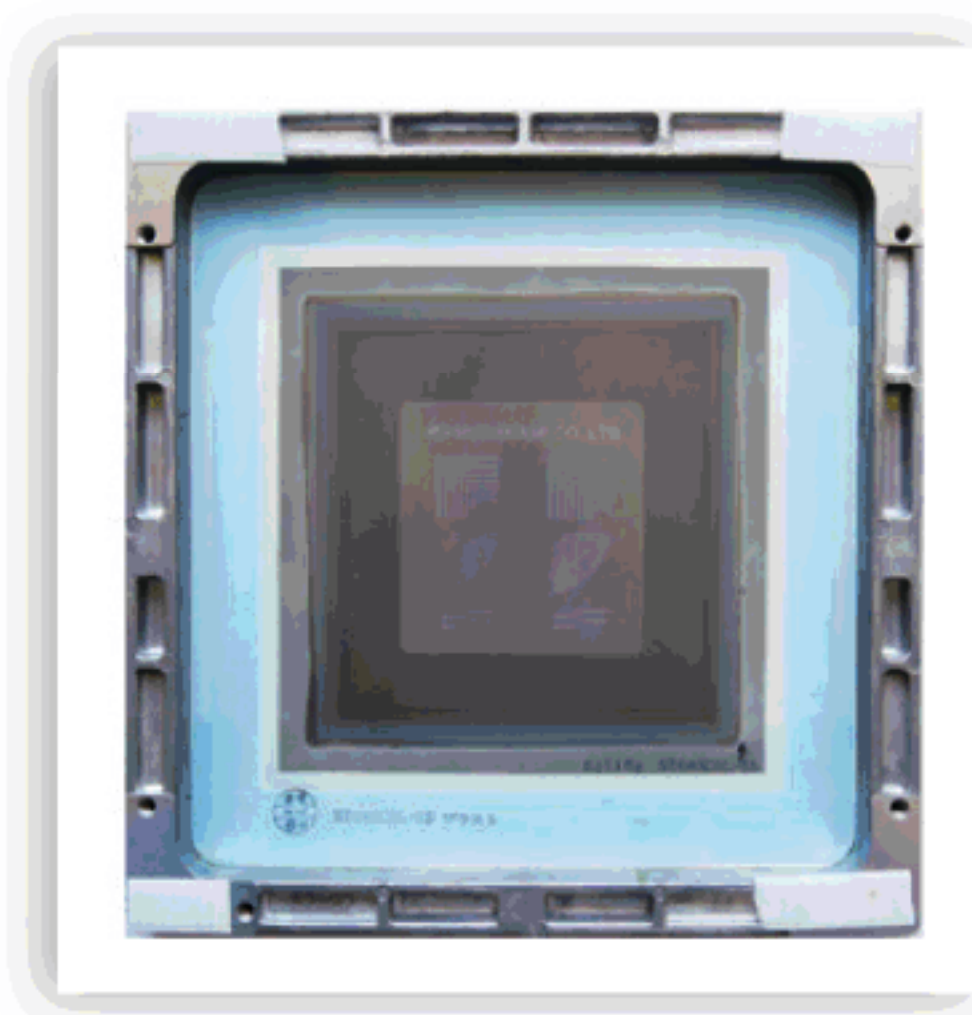
SP-3000

Diazo Emulsion

Usage: **E** **G**

- Excellent performance in a Diazo emulsion.
- Accurate image reproduction.
- Excellent solvent resistancy.
- Excellent resolution of halftones and details.

Solids: 36%
Viscosity: 5,000 CPS
Pot Life: 1 Year.
Coated Screen: 6 Months
Ink Systems: UV Ink, Solvent Inks.



Murakami Precision Masks:

Murakami is the world's largest producer of precision masks for the screen printing industry.

Call 1.800.562.3534 to discuss your project.

Electronic and Graphic Emulsions