

## EP Series Epoxy Ink

For interior use, EP Series offers excellent adhesion & hardness for metal and glass applications. This high gloss formulation is also recommended for general OEM use, nameplates, equipment panels and decorative glass. Superior flexibility & chemical resistance. May be reduced for reverse roller coating, coil coating & spraying.

### STANDARD COLORS

Mixing Clear*	EP-305
Navy Blue*	EP-307
Ultra Blue*	EP-308
Primrose Yellow LF*	EP-309LF
Medium Green*	EP-312
Fire Red LF*	EP-313LF
Orange LF*	EP-314LF
Maroon*	EP-319
Flag Red LF*	EP-322LF
Deep Red LF*	EP-323LF
Perma Green*	EP-325
Brilliant Perma Blue*	EP-328
Modified White*	EP-349
White*	EP-351
High Cover White*	EP-352
Black*	EP-353
Medium Yellow LF*	EP-354LF
Emerald Green*	EP-390
Light Blue*	EP-391
Lemon Yellow LF*	EP-392LF
Dark Brown LF*	EP-395LF

### TRANSPARENT COLORS

Transparent Blue*	EP-330
Transparent Yellow *	EP-331
Transparent Orange*	EP-332
Transparent Red* Y	EP-333
Transparent Violet*	EP-334
Transparent Red* B	EP-338
Transparent Green*	EP-340

### Metallics

Rich Gold*	EP-335
Rich Pale Gold*	EP-336
Pale Gold*	EP-337
Silver*	EP-339

Topcoat for Color*	EP-301
Topcoat for White*	EP-304
Primer*	EP-306
Simulated Etch for Glass*	EP-34155
Halftone Clear*	EP-311

\*Heavy Metal compliant.

### SUBSTRATES:

Glass, metals, anodized, mill finished and coated aluminum. In compliance with Title 21 CFR 175.300 (incidental food contact). Special primers and top coats are available for increased flexibility and chemical resistance (see descriptions below).

**ALWAYS TEST INK WITH SUBSTRATE PRIOR TO PRODUCTION!**

### BAKE/CURE:

EP Series Ink will not air dry.

**Bake Dry:** 300 °F for 15 minutes

350 °F for 8 minutes

400 °F for 4 minutes

Flash-off 30 seconds at 500 °F.

**Equipment:** Batch oven with convection air or industrial conveyor dryer (non-textile) are preferred. IR panels may provide sufficient cure if belt will accommodate parameters above.

### STENCILS:

Direct method emulsions, capillary films.

### SCREEN MESH:

260 to 355 Monofilament.

### SQUEEGEE:

All types, 60 to 80 durometer.

### SPECIAL PRIMERS & TOPCOATS:

**EP-301 Topcoat:** For use over colors. Enhances chemical and abrasion resistance; approved for use in appliances.

**EP-304 Topcoat:** For Non-Yellowing over white.

**EP-306:** For formed parts, improves flexibility of subsequent colors.

**Simulated Etch for Glass\*:** EP-34155

### MODIFIERS:

**Reducer:** EP-360 Reducer.

**Retarder:** Use 5-10% EP-321 Retarder to slow drying in screen.

**Flow Additive:** Use 1-2% EP-320 to promote leveling.

**Catalyst:** EP-350

**Wash Up** EP-310

### COVERAGE:

Approximately 1200-1500 Sq. Ft./Gallon

Note: Information contained in Cudner & O'Connor printed matter is based on laboratory and field tests. Because we cannot control actual production conditions, no warranty is expressed or implied. Careful testing is always recommended prior to production. Consult with Cudner & O'Connor Technical Services Department on all application issues. For additional information, please visit our website at [www.candocinks.com](http://www.candocinks.com)

