

# ET Series Epoxy Ink

## TWO PART FORMULATION FOR METAL, GLASS & CONTAINER DECORATION

Superior adhesion and hardness for printing metal, glass, treated polyethylene and other plastic surfaces. Offers excellent chemical resistance to acids, alkalis, oils, etc. Extremely hard finish with excellent opacity and flexibility. Ideal for glass jars, bottles and other containers requiring product resistance. Formulated to pass A-A-56032D. Each kit meets Type I, II & III. MIL-I-43553 was replaced by A-A-56032.

### STANDARD COLORS

Mixing Clear*	ET-6005
Metallic Base Clear*	ET-6002
White*	ET-6051
High Cover White*	ET-6052
Black*	ET-6053
Lead Free Medium Yellow*	ET-6054LF
Light Blue*	ET-6091
Navy Blue*	ET-6007
Ultra Blue*	ET-6008
Lead Free Primrose *	ET-6009LF
Medium Green*	ET-6012
Lead Free Fire Red*	ET-6013LF
Lead Free Orange*	ET-6014LF
Maroon*	ET-6019
Lead Free Flag Red*	ET-6022LF
Lead Free Deep Red*	ET-6023LF
Perma Green*	ET-6025
Brilliant Perma Blue*	ET-6028
Emerald Green*	ET-6090
Light Blue*	ET-6091
Simulated Etch*	ET-6075

### TRANSPARENT COLORS

Transparent Blue*	ET-6030
Transparent Yellow *	ET-6031
Transparent Orange*	ET-6032
Transparent Red*(B)	ET-6033
Transparent Violet*	ET-6034
Transparent Green*	ET-6035
Transparent Magenta*	ET-6036

### METALLIC COLORS

Rich Gold*	ET-6037
Silver*	ET-6038
Bright Silver*	ET-6039
Pale Gold*	ET-6040
Copper*	ET-6041
Rich Pale Gold*	ET-6042

### MODIFIERS & CATALYST

Reducer	ET-6060
Retarder	ET-6021
Flow Promoter	ET-6020
Catalyst	ET-6055
Catalyst for Metallics	ET-E06
Cleaning Thinner	ET-6010

### SUBSTRATES:

Metal surfaces requiring a hard, durable finish, such as printed circuit board markings, equipment panels, glass decorating, food containers and other plastics.

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

### DRYING

**Air Dry:** 4 -6 hours. Chemical resistance and hardness will be good after 72 hours, but full cure should not be expected for 7 days.

**Force Dry:** 325 °F for 5-10 minutes.

250 °F for 10-20 minutes.

### ORIENTATION

For best results, allow mixed components to sit for about 1/2 hour prior to use. This procedure allows full interaction of catalyst and resin.

### STENCILS:

Direct method emulsions, capillary films.

### SCREEN MESH:

110 to 305 monofilament.

### SQUEEGEE:

All types, 60 to 80 durometer.

### MODIFIERS:

Reducer: ET-6060.

Retarder: ET-6021.

### WASH UP

Use ET-6010

### COVERAGE:

Approximately 800-1000 Sq. Ft./Gallon

### POT LIFE:

Pot Life of Catalyzed Mixture is Approximately 8 Hours.

\*Heavy Metal compliant.

QT-ET Rev L



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# ET Series Epoxy INK (continued.)

All products are RoHS & REACH Compliant:

RoHS-2 Directive (EU) 2015/863 (restriction of the use of certain hazardous substances in Electrical and electronic equipment-Directive 2011/65/EU)

Cudner & O'Connor is aware of REACH Regulations and the proposals by the European Chemicals Agency's (ECHA) for the candidate list of items to be included on the list of 233 Substances of Very High Concern (SVHC) including the most recent list published 01/17/2023. Based on information from our suppliers and formulation analysis, the below product(s) are not manufactured with any of the substances listed in the most recent candidate list nor are they intentionally added during the manufacturing process, or in the cured film.

## Mixing Ratio for ET Series: 100 Parts of Ink

COLORS	ET-6055
ET-6002	12.71
ET-6005	13.06
ET-6007	12.10
ET-6008	11.01
ET-6009	9.05
ET-6012	11.43
ET-6013	10.78
ET-6014	8.22
ET-6019	12.10
ET-6022	10.30
ET-6023	10.50
ET-6025	11.13
ET-6028	11.56
ET-6030	11.81
ET-6031	12.49
ET-6032	12.45
ET-6033	11.81
ET-6009LF	10.81
ET-6054LF	10.81
ET-6013LF	10.87

COLORS	ET-6055
ET-6034	12.51
ET-6035	11.81
ET-6036	11.65
ET-6051	8.22
ET-6052	6.82
ET-6053	12.44
ET-6054	9.05
ET-6075	7.56
ET-6090	10.25
ET-6091	10.41
ET-6092	9.05
ET-6080	12.42
ET-38651	9.14
ET-6039	10.44
ET-6040	9.53
ET-6041	9.53
ET-6014LF	10.97
ET-6022LF	10.97
ET-6023LF	11.17

*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)*