



# Epoxon

## EPO

Two-Part Epoxy

Screen Ink

**AIR DRY/CONVENTIONAL**

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

**Description:** Epoxon is a two component epoxy screen ink formulated specifically for general purpose use on a variety of surfaces. EPO has passed the rigid requirements of the automotive group such as chemical resistance, hardness, flexibility, abrasion resistance and consistency of color.

**Features:**

- Scuff Resistant
- Excellent Hardness
- Food Grade Epoxy
- Chemical Resistant
- Abrasion Resistant
- Metal Signs and Appliances Approved

**Substrates:**

- Glass
- Melamine
- Aluminum
- Metal
- Formica
- Stainless Steel
- Rigid Acrylic
- Fired Ceramic
- Plastic
- Powder Coated

**Stencil:** Use a lacquer proof or direct emulsion film, photographic, or water-soluble hand-cut stencil.

**Coverage:** 1,200-1,500 sq/ft. per gallon depending on ink deposit

**Screen:** 200 to 330 Mesh recommended for most applications.

**Cure Parameters:** When curing the product, it is important that the oven temperature be stable. Hot spots in the oven will have an adverse effect on the ink. Air dries will cure 85 to 90 percent in 4 to 6 hours. Maximum cure in 7 days. Baking temperatures may vary depending on ink deposit, placement of parts in the oven and equipment. Pretests are recommended prior to production run.

- 250°F for 25 minutes
- 275°F for 15 minutes
- 300°F for 10 minutes
- 350°F for 8 minutes
- 400°F for 4 minutes
- 450°F for 3 minutes

**Additives:** EPO94 Thinner and EPO95 Retarder

**Cleaner:** EPO96 Wash-Up

**Storage:** Ink should be stored in a metal can at room temperature (75°F). Inks previously used for printing runs should be stored in a separate container to avoid cross contamination. Ink has a minimum shelf life of 6 months from date of manufacture if the above guidelines are followed and there has been nothing added to the ink.

**Sizes:** 1 and 5 Gallon Pails or 30 and 50 Gallon Drums Available

Contact us today for a current product list and about customizing an ink's look, feel or texture just for you.

*The information and recommendations contained in this product information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on present knowledge and believed to be accurate. Information is based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and knowledge, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice, or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent. Company policy of continuous product improvement may change the information contained in this product information sheet. Users are requested to ensure that they follow current recommendations.*