

Carco, Inc

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Technical Information

1044 Marking Inks

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Overview: 1044 Marking Ink (All Colors)

- An acetone based, dye type marking ink used for parts marking, identification, and color coding.
- For use on light colored or bright metal substrates.
- Non-settling. No need to stir or shake to maintain solution.
- Super fast drying, with fair alkaline wash resistance.
- Good adhesion on all porous and non-porous surfaces.
- Primarily applied with Carco ES-1157 Jet Shot markers and Carco ES-800 Spray non contact marking systems.
- Recommended for use with eddy current, NDT, and ultrasonic testing equipment to identify defects on fast moving webs, tubing or parts.
- Dry time typically +/- 10 seconds depending upon material being marked, and ambient conditions.
- Available in “Clear Fluorescent” and 8 other transparent colors.

This product is REACH and RoHS compliant. It does not contain any chemical from the candidate list of Substances of Very High Concern (SVHC), Annex XIV, or Annex XVII of REACH. It does not contain any of the RoHS listed substances.

This product is a Flammable Liquid, and is considered “Dangerous Goods” for transportation purposes.

Proper Shipping Name: UN1210, Printing Ink, 3, PGII

Physical Properties:

Form:	colored liquid
Odor:	sweet, alcohol like
Boiling Point	56° C 133° F
Density/Specific Gravity	0.79 g/ml Temperature (°C) 20
Flash Point	-18° C 0° F Method (Setaflash)
Vapor Pressure (mm Hg)	051
Vapor Density (air=1)	>2
Flammable Units (% in air)	LEL 2.5 UEL 12.8
Solubility in water	100 %
Evaporation Rate (BU.AC=1)	5.2
Percent Volatile (%)	100
Volatile Organic Compound(VOC)	100 wt-% Approximately 6.6 Lbs /gal