

# Carco, Inc

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# Technical Information

F-123 Marking Inks

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Overview: F-123 Marking Ink (All Colors)

- A mixed solvent, pigmented marking ink used for parts marking, identification, and color coding.
- Medium-fast drying, heavily pigmented marking fluid.
- Good adhesion on all porous and non-porous surfaces.
- Recommended for open pad and hand stamping operations. Often used with ES-712 Contact Markers
- Dry time between 2-3 minutes depending upon application method, material being marked, and ambient conditions.

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:

<b>Form:</b>	colored liquid
<b>Odor:</b>	sweet, alcohol like
<b>Boiling Point</b>	82° C 160° F
<b>Density/Specific Gravity</b>	0.810 g/ml Temperature (°C) 20
<b>Flash Point</b>	10°-15° C 50°-60° F Method (Setaflash)
<b>Vapor Pressure</b>	4.16 kPa Temperature (°C) 20
<b>Percent Volatile (%)</b>	65-75%
<b>Vapor Density (air=1)</b>	>2
<b>Flammable Units (% in air)</b>	LEL 3.0 UEL 19.0
<b>Solubility in water</b>	65-75%
<b>Evaporation Rate (BU.AC=1)</b>	1.0
<b>Volatile Organic Compound(VOC)</b>	65-75 wt-% Approximately 5.9 Lbs /gal