

Carco, Inc

10333 Shoemaker
P.O. Box 13859
Detroit, Michigan, USA 48213

Technical Information

1000-I Fluorescent Marking Ink

+1.313.925.9000 Fax +1.313.925.9602

Email: sales@carcousa.net

Overview: 1000-I Fluorescent Marking Ink

- An alcohol based, dye type marking ink used for parts marking, identification, and color coding.
- Available as a clear “invisible” marking ink that fluoresces under 366 nm UV light. A limited number of other fluorescent colors are available.
- Non-settling. No need to stir or shake to maintain solution.
- Good adhesion on all porous and non-porous surfaces.
- Can be applied by most methods. Applied with Carco ES-1157 Jet Shot markers, Carco ES-800 Spray markers, and ES-712 Contact Markers
- Dry time between 25 seconds and 1 minute 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:

Form:	liquid
Odor:	sweet, alcohol like
Boiling Point	82° C 160° F
Density/Specific Gravity	0.810 g/ml Temperature (°C) 20
Flash Point	10°-15° C 50°-60° F Method (Setaflash)
Vapor Pressure	4.16 kPa Temperature (°C) 20
Vapor Density (air=1)	>2
Flammable Units (% in air)	LEL 3.0 UEL 19.0
Solubility in water	95%
Evaporation Rate (BU.AC=1)	1.6
Volatile Organic Compound(VOC)	85-95 wt-% Approximately 6.0 Lbs /gal