

Carco, Inc

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Technical Information

1000-N Marking Inks

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Overview: 1000-N Marking Ink (All Colors)

- An propylene glycol based, dye type marking ink used for parts marking, identification, and color coding.
- Non-settling. No need to stir or shake to maintain solution.
- Medium-fast drying, with fair alkaline wash resistance.
- Excellent oil penetration, useful when oil and /or coolants are present.
- 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 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:

Form:	colored liquid
Odor:	sweet, alcohol like
Boiling Point	117° C 243° F
Density/Specific Gravity	0.95 g/ml Temperature (°C) 20
Flash Point	29°-32° C 85°-90° F Method (Setaflash)
Vapor Pressure (mm Hg)	11
Vapor Density (air=1)	>2
Flammable Units (% in air)	LEL 3.0 UEL 19.0
Solubility in water	85-90 %
Evaporation Rate (BU.AC=1)	0.7
Percent Volatile (%)	90
Volatile Organic Compound(VOC)	85 wt-% Approximately 6.6 Lbs /gal