

# Carco, Inc

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# Technical Information

XX-1346 Marking Inks

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Overview: XX-1346 Marking Ink (All Colors)

- An acetone based, pigmented marking ink used for parts marking, identification, and color coding.
- For use on dark or black colored substrates.
- 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 a wide variety of 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:

<b>Form:</b>	colored liquid	
<b>Odor:</b>	sweet, acetone odor	
<b>Boiling Point</b>	56° C	132° F
<b>Density/Specific Gravity</b>	0.810 g/ml	Temperature (°C) 20
<b>Flash Point</b>	-18° C	0° F Method (Setaflash)
<b>Vapor Pressure (mm Hg)</b>	< 185	
<b>Vapor Density (air=1)</b>	>2	
<b>Flammable Units (% in air)</b>	LEL 2.6	UEL 12.8
<b>Solubility in water</b>	80%	
<b>Evaporation Rate (BU.AC=1)</b>	5.2	
<b>Percent Volatile (%-wt)</b>	75-85%	
<b>Volatile Organic Compound(VOC)</b>	94 wt-%	Approximately 6.4 Lbs /gal

□ NOTE: Acetone, CAS# 67-64-1 is on the list of excluded compounds for the purposes of preparing state implementation plans (SIP’s), per 40 CFR Part 51. The VOC for this product, excluding Acetone, is 0.96 – 0.98 lbs/gallon

