

## Product Name: DPI-111 Black (SB) Ink

---

### Substrates Marked

**Preferred:** Metals, Plastics, Rubber and Wood  
**Acceptable:** Non-porous and porous substrates

### Product Specifications/Characteristics

<b>UN Number</b>	1210	<b>Flash Point</b>	73° F (23°C)
<b>Type</b>	Ink Jet	<b>Recommended Storage</b>	40°- 90° F (4.4°C – 32.2°C)
<b>Colorant</b>	Dye	<b>Shelf Life</b>	2 years
<b>Viscosity</b>	Liquid	<b>Package</b>	Vapor barrier polyethylene
<b>Drying Time</b>	10-20 seconds	<b>Unit</b>	Various
<b>Open Time</b>	N/A	<b>Density</b>	6.84 lbs/gal
<b>DOT Regulations</b>	Flammable	<b>RCRA Waste Number</b>	D001
<b>VOC</b>	795 g/l	<b>Thinner</b>	N/A
<b>SDS Sheet Number</b>	4983	<b>Cleaner</b>	JAM-2005 Cleaner
<b>HMIS Rating</b>	2-3-0	<b>NFPA Rating</b>	1-3-0
<b>Carcinogen</b>	No	<b>Specific Gravity</b>	0.821

### Description/Special Properties

Alcohol based black ink for non-porous surfaces. Dry times for this ink will be 10-20 seconds. This ink shows excellent open times and adhesion to a variety of non-porous substrates. Dry times for this ink can be speeded up with air or heated air. This material is approved for FDA 21 CFR 170.39.

### Application/Compatibility

**Printhead:** 3000/8000+ printheads – proper conditioning and calibration required  
**Rubber Compounds:** N/A

### Formulations Available

Item Number	Unit of Measure
71002056	Case of 6 x 1 Liter Bottles
71002051	Case of 4 x 4 Liter Bottles
71002052	Case of 2 x 4 Liter Bottles
71002054	5 Gallon Pail
71002053	55 Gallon Drum

A Safety Data Sheet is furnished with every order.

**Original Date:** November 11, 2012  
**Revision Date:** June 22, 2016

---