

# SAFETY DATA SHEET – DYE INKS

## 1 – PRODUCT

**Product Name:** 554-PI9BK Black Ink Jet Ink  
554-PI9CY Cyan Ink Jet Ink  
554-PI9MA Magenta Ink Jet Ink  
554-PI9YE Yellow Ink Jet Ink  
554-PPI9BK Photo Black ink Jet Ink  
554-PPI9CY Photo Light Cyan Ink Jet Ink  
554-PPI9GR Photo Gray Ink Jet Ink  
554-PPI9MA Photo Light Magenta Ink Jet Ink

**Product Use:** Refill ink for inkjet cartridges

## 2 – HAZARDS IDENTIFICATION

**Effect of Overexposure:**

Eye Contact: Contact with eyes may cause irritation.

Skin Contact: Prolonged skin contact unlikely to cause irritation.

Ingestion: Ingestion of large quantities may cause abdominal discomfort.

## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS No.</u>	<u>Concentration, %</u>
Water	7732-18-5	80 - 90
Isopropyl Alcohol	67-63-0	2 - 3
Urea	57-13-6	<2
2-Pyrrolidone	616-45-5	3 - 4
Polyethylene Glycol	25322-68-3	2 - 3
Triethanolamine	102-71-6	<1
Ethoxylated Diol	9014-85-1	<1
Black Dye	Undisclosed	4 - 5 (554-PI9BK)
	Undisclosed	2 - 3 (554-PPI9BK)
	Undisclosed	1 - 2 (554-PPI9GR)
Cyan Dye	Undisclosed	1 - 2 (554-PI9CY)
		<1 (554-PPI9CY)
Magenta Dye	77365-64-1	5 - 6 (554-PI9MA)
		<1 (554-PPI9MA)
Yellow Dye	1934-21-0	1 - 2 (554-PI9YE)

This is an aqueous based ink.

## 4 – FIRST AID MEASURES

**First Aid Procedures:**

Eye Contact: Flush eyes thoroughly with water. Seek medical attention if irritation persists.

Skin Contact: For prolonged skin contact, wash contaminated areas with mild soap and water.

Ingestion: If large quantity ingested, give lukewarm water if victim completely conscious. Induce vomiting. Get medical attention.

## 5 – FIRE-FIGHTING MEASURES

**Flammable Properties:** None known  
**Flammable Limits:** N/A  
**Extinguishing Media:** N/A  
**Firefighting Equipment/Instructions:** N/A  
**Hazardous Combustion Products:** N/A

## 6 – ACCIDENTAL RELEASE MEASURES

Product Name: 554-PI9BK, 554-PI9CY, 554-PI9MA, 554-PI9YE, 554-PPI9BK, 554-PPI9CY, 554-PPI9GR, 554-PPI9MA

Creation Date: 3/27//06

Revision Date: 1/5/15

# SAFETY DATA SHEET – DYE INKS

## Steps To Be Taken If Spilled:

Soak up with paper or other absorbent material. Put into closed containers. Flush area with plenty of water. Wear gloves to keep from staining hands.

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## 7 – HANDLING AND STORAGE

### Handling:

In accordance with good industrial work practice, handle with care, avoid spills, unnecessary contact, and wash thoroughly after handling.

### Storage:

Keep out of reach of children. When not in use keep containers closed in ambient storage conditions.

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## 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:** N/A

**Engineering Controls:** Mechanical (general) ventilation is acceptable.

**Personal Protective Equipment:** Protective gloves required for prolonged or repeated contact. Safety goggles or glasses with side shields for eye protection

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black, cyan, gray, magenta or yellow colored liquid
<b>Odor:</b>	Mild
<b>Vapor Pressure:</b>	N/D
<b>pH:</b>	7.5 – 8.5
<b>Boiling point:</b>	>212°F
<b>Melting Point/Freezing Point:</b>	<32°F
<b>Solubility (water)</b>	Soluble
<b>Specific Gravity:</b>	>1
<b>Flash Point:</b>	N/A
<b>Viscosity:</b>	1 – 5 cps.
<b>Flammability/Explosion Limits:</b>	N/A
<b>Flash Point:</b>	N/A
<b>Decomposition Temperature</b>	N/D
<b>Autoignition Temperature</b>	N/A
<b>Partial Coefficient: n-octanol/water:</b>	N/D

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## 10 – STABILITY AND REACTIVITY

<b>Reactivity:</b>	N/A
<b>Chemical Stability:</b>	Stable under normal storage conditions.
<b>Incompatible Materials:</b>	Oxidizing agents.
<b>Hazardous Decomposition Products</b>	None known.

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## 11 – TOXICOLOGICAL INFORMATION

**Routes of Exposure:** Eye, skin, and ingestion.

**Acute Health Hazards:** Ink itself is relatively non-toxic.

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## 12 – ECOLOGICAL EFFECTS

No data available.

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## 13 – DISPOSAL INFORMATION

### Waste Disposal Method:

Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.

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## 14 – TRANSPORT INFORMATION

Not a regulated article under DOT or IATA.

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## 15 - REGULATORY INFORMATION

### SARA Title III Section 313 Supplier Notification:

This product contains the following substances subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

Product Name: 554-PI9BK, 554-PI9CY, 554-PI9MA, 554-PI9YE, 554-PPI9BK, 554-PPI9CY, 554-PPI9GR, 554-PPI9MA

Creation Date: 3/27//06

Revision Date: 1/5/15

# SAFETY DATA SHEET – DYE INKS

CHEMICAL NAME  
Isopropyl Alcohol

CAS No.  
67-63-0

% BY WEIGHT  
2 – 3%

## California Proposition 65:

This product does not contain trace amounts of any listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

**Ozone Depleting Chemicals:** No regulated ingredients.

## RoHS Directive:

This ink does not contain any RoHS materials. These materials include lead, cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB) or poly brominated diphenyl ethers (PBDE)

These values are based on information available from suppliers and not by actual laboratory analysis of finished product.

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## 16 – OTHER INFORMATION

**Hazard Ranking:** 0 = Least  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme

**HMIS Hazard Class:**  
Health = 1  
Flammability = 0  
Reactivity = 0  
PPE = -

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, the manufacturer makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. This information is offered solely for your consideration, investigation and verification.

# SAFETY DATA SHEET – PIGMENT INK

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## 1 – PRODUCT

**Product Name:** 554-DJ20BK Black Pigment Ink Jet Ink

**Product Use:** Refill ink for inkjet cartridges

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## 2 – HAZARDS IDENTIFICATION

**Effect of Overexposure:**

Eye Contact: Contact with eyes may cause irritation.

Skin Contact: Prolonged skin contact unlikely to cause irritation.

Ingestion: Ingestion of large quantities may cause abdominal discomfort.

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## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS No.</u>	<u>Concentration, %</u>
Water	7732-18-5	70 - 80
1,4-Butanediol	110-63-4	2 - 3
2-Pyrrolidone	616-45-5	5 - 6
Isopropyl Alcohol	67-63-0	2 - 3
Polyethylene Glycol	25322-68-3	2 - 3
1-Methoxy-2-propanol	107-98-2	2 - 3
n-Methyl-2-pyrrolidone	872-50-4	1 - 2
Glycerine, ethoxylated	31694-55-0	3 - 4
Ethoxylated Diol	9014-85-1	<1
Carbon Black	1333-86-4	2 - 3

This is an aqueous based ink.

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## 4 – FIRST AID MEASURES

**First Aid Procedures:**

Eye Contact: Flush eyes thoroughly with water. Seek medical attention if irritation persists.

Skin Contact: For prolonged skin contact, wash contaminated areas with mild soap and water.

Ingestion: If large quantity ingested, give lukewarm water if victim completely conscious. Induce vomiting. Get medical attention.

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## 5 – FIRE-FIGHTING MEASURES

<b>Flammable Properties:</b>	None known
<b>Flammable Limits:</b>	N/A
<b>Extinguishing Media:</b>	N/A
<b>Firefighting Equipment/Instructions:</b>	N/A
<b>Hazardous Combustion Products:</b>	N/A

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## 6 – ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken If Spilled:**

Soak up with paper or other absorbent material. Put into closed containers. Flush area with plenty of water. Wear gloves to keep from staining hands.

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## 7 – HANDLING AND STORAGE

**Handling:**

In accordance with good industrial work practice, handle with care, avoid spills, unnecessary contact, and wash thoroughly after handling.

**Storage:**

Keep out of reach of children. When not in use keep containers closed in ambient storage conditions.

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## 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name: 554-DJ20BK  
Creation Date: 8/8/03

# SAFETY DATA SHEET – PIGMENT INK

**Exposure Guidelines:** N/A

**Engineering Controls:** Mechanical (general) ventilation is acceptable.

**Personal Protective Equipment:** Protective gloves required for prolonged or repeated contact. Safety goggles or glasses with side shields for eye protection

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Black colored liquid  
**Odor:** Mild  
**Vapor Pressure:** N/D  
**pH:** 7.5 – 8.5  
**Boiling point:** >212°F  
**Melting Point/Freezing Point:** <32°F  
**Solubility (water):** Soluble  
**Specific Gravity:** >1  
**Flash Point:** N/A  
**Viscosity:** 1 – 5 cps.  
**Flammability/Explosion Limits:** N/A  
**Flash Point:** N/A  
**Decomposition Temperature:** N/D  
**Autoignition Temperature:** N/A  
**Partial Coefficient: n-octanol/water:** N/D

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## 10 – STABILITY AND REACTIVITY

**Reactivity:** N/A  
**Chemical Stability:** Stable under normal storage conditions.  
**Incompatible Materials:** Oxidizing agents.  
**Hazardous Decomposition Products:** None known.

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## 11 – TOXICOLOGICAL INFORMATION

**Routes of Exposure:** Eye, skin, and ingestion.

**Acute Health Hazards:** Ink itself is relatively non-toxic.

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## 12 – ECOLOGICAL EFFECTS

No data available.

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## 13 – DISPOSAL INFORMATION

**Waste Disposal Method:**

Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.

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## 14 – TRANSPORT INFORMATION

Not a regulated article under DOT or IATA.

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## 15 - REGULATORY INFORMATION

**SARA Title III Section 313 Supplier Notification:**

This product contains the following substances subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

<u>CHEMICAL NAME</u>	<u>CAS No.</u>	<u>% BY WEIGHT</u>
Isopropyl Alcohol	67-63-0	2 – 3%
n-Methyl-2-pyrrolidone	872-50-4	2 – 3%

**California Proposition 65:**

This product contains trace amounts of the following listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

<u>CHEMICAL NAME</u>	<u>CAS No.</u>	<u>% BY WEIGHT</u>
n-Methyl-2-pyrrolidone	872-50-4	2 – 3%

Product Name: 554-DJ20BK

Creation Date: 8/8/03

# SAFETY DATA SHEET – PIGMENT INK

**Ozone Depleting Chemicals:** No regulated ingredients.

**RoHS Directive:**

This ink does not contain any RoHS materials. These materials include lead, cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB) or poly brominated diphenyl ethers (PBDE)

These values are based on information available from suppliers and not by actual laboratory analysis of finished product.

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## 16 – OTHER INFORMATION

**Hazard Ranking:** 0 = Least  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme

**HMS Hazard Class:**  
Health = 1  
Flammability = 0  
Reactivity = 0  
PPE = -

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, the manufacturer makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. This information is offered solely for your consideration, investigation and verification.