



**Ink 2000 Corp.**  
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## MATERIAL SAFETY DATA SHEET

**1. PRODUCT NAME:** Jet Ink /Dye Based Ink

**INK 2000 ITEM NUMBER:** (Cyan, Magenta, Yellow,Matte Black, Photo Black, Light Cyan, Light Magenta)

**EMERGENCY PHONE NUMBERS:** (818) 882-0168, (818) 882-0768

### 2. INGREDIENTS (%wt)

#### PEL OR TLV

Diethylene Glycol (CAS #111-46-6) <25%  
Dye Mixture <10% Trade secret  
Balance is water and minor ingredients

No workplace exposure limits  
No workplace exposure limits

### 3. PHYSICAL PROPERTIES

Boiling Point: > 110 C  
Vapor pressure: 14mm Hg @ 20 C  
Solubility in water: miscible  
Appearance and odor: black or color liquid  
Volatile Organic Compounds (V.O.C.) Content 20g/L

Specific Gravity: 1.1  
Vapor Density: 3.1 (estimate)  
Freezing Point: below 0 C

### 4. FIRE AND EXPLOSION DATA

Flash point: > 120 C  
Autoignition temp.: > 230 C  
Extinguishing media: water, dry chemical, carbon dioxide, and foam  
Unusual fire and explosion hazards: none

### 5. REACTIVITY DATA

Stability (conditions to avoid): Stable  
Hazardous polymerization: will not occur  
Incompatibility: none  
Hazardous decomposition products: none

### 6. HEALTH HAZARD DATA

Threshold limit value: none  
Dermal irritation: irritating  
Eye irritation: irritating  
Expected route of entry: skin contact, eye contact, and ingestion  
Acute health hazards:  
Oral – ink LD 50 > 2000mg/kg estimate  
Dermal – ink LD 50 > 2000 estimate  
Mutagenicity: non-mutagenic  
Listed carcinogen: none

## **7. FIRST AID**

**Skin:** wash thoroughly with soap and water for 15 minutes.  
**Eyes:** flush immediately under running water for 15 minutes.  
**Oral:** ingestion of ink may result in gastric disturbances. Dilute with water.  
Get medical attention.

## **8. SPILL AND DISPOSAL INFORMATION**

**Steps to be taken in case of spill or leak:**

Avoid runoff to sewers and bodies of water.  
Wear appropriate equipment.  
Absorb with suitable absorbent materials.  
Clean up by scrubbing with soap and water, collect cleaning waters, or remove contaminated soils.  
Place in proper containers.

**Waste disposal information:**

Small quantities may be treated in aerobic water treatment systems. Larger quantities may be incinerated or landfilled in accordance with all applicable federal, state, and local laws.

**Disposal method:**

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

## **9. SPECIAL PROTECTION INFORMATION**

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

**Ventilation:** Use ventilation adequately to maintain safe levels.

**Protective clothing:** Gloves, apron and arm covers to avoid skin contact. Wear chemical goggles.

## **10. REGULATORY INFORMATION**

All components listed in TSCA Inventory or exempt under 40 CFR 723.5

SARA: no reactive hazard, no pressure hazard, and no fire hazard.

DOT/IATA: not regulated by DOT 49 CFR or IATA

California Proposition 65: no listed chemical

Massachusetts Substance List: no listed chemical

New Jersey Right to Know List: no listed chemical

Pennsylvania Hazardous Substance List: diethylene glycol

## **11. LABEL INFORMATION**

May cause eye irritation if splashed into eye.

May cause skin irritation.

## **12. Transportation Regulation**

**Non-regulated by Department of Transportation (DOT)**