



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Printer Maintenance Kit Type 7000B Color Developer (Cyan)  
Product Number: 400961  
Chemical Name: mixture  
CAS Number: 0-00-0

#### Company Identification

Ricoh Corporation  
5 Dedrick Place  
West Caldwell, NJ 07006 USA  
1-973-882-2000 or 1-973-882-5218 (For product information)  
1-800-336-6737 (For emergencies)

#### **GENERAL USE:**

CL7000, CL7100, AP3800C, AP3800CMF, AP3850C.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### **COMPONENT LISTING:**

Chemical Name	Amount	CAS Number
FERRITE POWDER	5.0 - 20.0 %	1317-38-0
FERRITE POWDER	5.0 - 20.0 %	1314-13-2
FERRITE POWDER	60.0 - 80.0 %	1309-37-1
POLYOLE RESIN	< 5.0 %	
ORGANIC PIGMENT	< 1.0 %	147-14-8

#### **EXPOSURE GUIDELINES:**

##### **Ferrite Powder**

ACGIH TWA: 10 mg/m<sup>3</sup>

##### **Ferrite Powder**

ACGIH TWA: 5 mg/m<sup>3</sup>

### 3. HAZARDS IDENTIFICATION

#### **CARCINOGENICITY:**

This product does not contain the carcinogenic substances which are listed in NTP, IARC and are regulated by OSHA.

#### **MEDICAL CONDITION AGGRAVATED BY LONG-TERM EXPOSURE:**

Not applicable.

#### **CHRONIC EFFECTS:**

No data is available on this product.

## 4. FIRST AID MEASURES

### **EYE CONTACT FIRST AID:**

Try to remove with eye drops or flush with water.

### **SKIN CONTACT FIRST AID:**

Wash thoroughly with soap and water.

### **INHALATION FIRST AID:**

Remove from exposure.

### **INGESTION FIRST AID:**

Dilute stomach contents with several glasses of water.

## 5. FIRE FIGHTING MEASURES

### **FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: N/A

### **FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: N/A

### **BURNING RATE:**

Not available.

### **EXTINGUISHING MEDIA:**

Carbon dioxide, dry chemicals, foam or water.

### **FIRE FIGHTING INSTRUCTIONS:**

No special fire protecting method is required.

## 6. ACCIDENTAL RELEASE MEASURES

### **SPILL / LEAK PROCEDURES:**

If spilled, sweep up or pick up by vacuum cleaner (rated for developer extraction). Remove residue with soap and water.

### **MISCELLANEOUS:**

Minimize inhalation of dust. Keep product out of sewers and watercourses.

## 7. HANDLING AND STORAGE

### **HANDLING PRECAUTIONS:**

Do not handle in areas where wind blows. Flying powder may enter eyes. Minimize breathing dust.

### **STORAGE REQUIREMENTS:**

Store in a cool, dry place. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **VENTILATION:**

None needed under normal use condition.

**RESPIRATORY PROTECTION:**

None required under normal conditions of use.

**PROTECTIVE CLOTHING / EQUIPMENT:**

None required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOR:	Cyan
ODOR:	slight plastic odor
BOILING POINT:	Not applicable C
VAPOR PRESSURE:	Not applicable psia
VAPOR DENSITY:	Not applicable (Air = 1)
SOLUBILITY IN WATER:	Insoluble
MELTING/FREEZING POINT:	Not applicable C
PH:	Not applicable
% VOLATILES:	- %

## 10. STABILITY AND REACTIVITY

**POLYMERIZATION:**

None.

**CONDITIONS TO AVOID:**

Not applicable in normal use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE ORAL EFFECTS:**

Rat: >5000mg/kg.

**CARCINOGENICITY:**

No data is available on this product.

**MUTAGENICITY:**

Negative.

**TERATOGENICITY:**

Not available.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DEGRADATION:**

Not known.

**MISCELLANEOUS:**

Not known in bioaccumulation.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL:**

Used developer should be disposed of in an environmentally appropriate manner and in accordance with governmental regulations.  
Do not incinerate.

**14. TRANSPORT INFORMATION**

PRODUCT LABEL: Printer Maintenance Kit Type 7000B Color Developer (Cyan)

**MISCELLANEOUS:**

Avoid direct sunlight.

**15. REGULATORY INFORMATION**

**Canadian Disclosure List**

Ferrite Powder (1314-13-2)

Ferrite Powder (1309-37-1)

**16. OTHER INFORMATION**

**HMIS Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0

APPROVED BY: M. W. Sarasin  
TITLE: Safety Engineer  
APPROVAL DATE: August 31, 2004  
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**END OF MSDS**

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