



## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Ricoh Color Toner Type J Yellow  
Product Number: 887814  
Chemical Name: mixture  
CAS Number: 0-00-0

#### Company Identification

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

#### **GENERAL USE:**

Aficio 5106, 5206, NC5006, NC8115.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### **COMPONENT LISTING:**

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
POLYOLE RESIN	> 85.0 %	
ORGANIC PIGMENT	< 10.0 %	77804-81-0
ORGANIC SALT	< 5.0 %	

#### **MISCELLANEOUS:**

According to the United States Toxic Substances Control Act all chemical ingredients/substances contained within this product are listed on the TSCA Master Inventory.

#### **EXPOSURE GUIDELINES:**

No Information Available.

### 3. HAZARDS IDENTIFICATION

#### **PRIMARY ENTRY ROUTES:**

Inhalation, ingestion.

#### **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. If unsuccessful, get medical attention.

**SKIN CONTACT FIRST AID:**

Wash thoroughly with soap and water.

**INHALATION FIRST AID:**

Gargle with water, move to place in fresh air. If unsuccessful, get medical attention.

**INGESTION FIRST AID:**

Dilute stomach contents with several glasses of water. If unsuccessful, get medical attention.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: 45mg/L %

**BURNING RATE:**

Not available.

**EXTINGUISHING MEDIA:**

Carbon dioxide, dry chemicals, foam or water.

**FIRE FIGHTING INSTRUCTIONS:**

Generally by sprinkling or extinguisher.

**6. ACCIDENTAL RELEASE MEASURES**

**SPILL / LEAK PROCEDURES:**

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

**MISCELLANEOUS:**

Personal precautions: Minimize inhalation of dust.

Environment precautions: 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:**

Avoid direct sunlight. Do not keep this over 35C. 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.

Eye protection: None required under normal conditions of use.

Protective gloves: None required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....	Powder
COLOR .....	Yellow
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 ...	approx. 110 C
PH .....	Not applicable
% VOLATILES .....	- %
EVAPORATION RATE .....	Not applicable

## 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:**

5000mg/kg.

**CARCINOGENICITY:**

No data is available on this product.

**MUTAGENICITY:**

Negative (Ames test).

**TERATOGENICITY:**

Not available.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DEGRADATION:**

Not known.

**MISCELLANEOUS:**

Not known in bioaccumulation.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL:**

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

## 14. TRANSPORT INFORMATION

PRODUCT LABEL ...: Ricoh Color Toner Type J Yellow

**MISCELLANEOUS:**

Specific precautionary transport measures: Avoid direct sunlight. Do not keep this over 35C.

## 15. REGULATORY INFORMATION

No information available.

## 16. OTHER INFORMATION

HMIS Rating -           Health: 1  
                          Flammability: 1  
                          Reactivity: 0

PREPARED BY .....: Ricoh Corporation  
APPROVED BY .....: David Huelbig  
TITLE .....: Safety Engineer  
APPROVAL DATE .....: September 28, 2001  
SUPERCEDES DATE ...: New  
RTN NUMBER .....: 00001793 (Official Copy)

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