



## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Savin Color Toner Cassette Type P1 Yellow  
Product Number: 888240 9901  
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:**

C2820, C3224, C3828.

### 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 %	

#### **EXPOSURE GUIDELINES:**

No Information Available.

### 3. HAZARDS IDENTIFICATION

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

Inhalation.

#### **ACUTE SKIN EFFECTS:**

Non-irritant.

#### **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: N/A

**BURNING RATE:**

Not available.

**EXTINGUISHING MEDIA:**

CO2, 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:**

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:**

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.

**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

**10. STABILITY AND REACTIVITY**

**POLYMERIZATION:**

None.

**CONDITIONS TO AVOID:**

Not applicable in normal use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

will not occur.

**11. TOXICOLOGICAL INFORMATION**

**SKIN EFFECTS:**

Non-irritant.

**ACUTE ORAL EFFECTS:**

Rat: >5000mg/kg.

**CARCINOGENICITY:**

No data is available on this product.

**MUTAGENICITY:**

Not available.

**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 ...: Savin Color Toner Cassette Type P1 Yellow

**MISCELLANEOUS:**  
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 .....: David Huelbig  
APPROVED BY .....: David Huelbig  
TITLE .....: Safety Engineer  
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