



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Ricoh Color Toner Type K1 Yellow
Product Number: 887921
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 3006, 3506, 4006, 4106, 4506.

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

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

MISCELLANEOUS:

According to the United States Toxic Substances Control Act all chemical ingredients 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: 0 %

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 K1 Yellow

MISCELLANEOUS:

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

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: 00001785 (Official Copy)

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