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RTN Number: 00002244 January 10, 2003



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Toner Type 300 Product Number: 430294 (9835)

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:

9910DP, 9910DPe.

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
STYRENE ACRYLIC POLYMER	10.0 - 40.0 %	25036-19-5
POLYESTER RESIN	10.0 - 40.0 %	
POLYOLEFINE	< 5.0 %	9003-07-0
IRON OXIDE	20.0 - 50.0 %	1317-61-9
DYE	< 5.0 %	31714-55-3

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.

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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:

Foam, water spray(mist), dry chemicals, or carbon dioxide may be suitable.

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 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.

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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 Black

ODOR: slight plastic odor
BOILING POINT: Not applicable C
VAPOR PRESSURE: Not applicable psia
VAPOR DENSITY: Not applicable (Air = 1)

SOLUBILITY IN WATER: slightly soluble MELTING/FREEZING POINT ...: Not available C PH Not applicable

% VOLATILES - %

10. STABILITY AND REACTIVITY

POLYMERIZATION:

None.

CONDITIONS TO AVOID:

Not applicable in normal use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Styrene.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

No data is available on this product.

MUTAGENICITY:

Negative (Ames test).

TERATOGENICITY:

Not available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DEGRADATION:

Not known.

MISCELLANEOUS:

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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 ...: Toner Type 300

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
APPROVAL DATE: July 31, 2002

SUPERCEDES DATE ...: New

RTN NUMBER: 00002244 (Official Copy)

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