



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.

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.

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:

