

MATERIAL SAFETY DATA SHEET

Canon U.S.A., Inc.
 One Canon Plaza
 Lake Success, NY 11042
 Telephone: 516-488-6700

24 hr. Emergency Contact
 CHEMTREC: 800-424-9300

Date of preparation: 11/85
 Date of revision: 11/91

SECTION 1 PRODUCT IDENTIFICATION

TRADE NAME: NP-150 Series Toner (Black) ^{NP 155}
 PRODUCT DESCRIPTION: Toner powder for Canon copiers (160g)
 ITEM NO: F41-2401-100
 HMIS RATINGS: Health: 0, Flammability: 1, Reactivity: 1

SECTION 2 INGREDIENTS (Toner)

<u>Principal Component(s)</u>	<u>CAS No.</u>	<u>WT. %</u>	<u>OSHA (PEL)</u> <u>ACGIH (TLV)</u>
Styrene Acrylate Copolymer	-----	55-65	N/A
Iron Oxide	1317-61-9	30-40	N/A

Manufacturer contact states all other information is proprietary.

N/A = Not Applicable

Concerning carcinogenicity, the ingredients listed above are not listed on the latest NTP Annual Report, IARC Monographs and OSHA regulation.

SECTION 3 PHYSICAL DATA

APPEARANCE AND ODOR: Fine powder, slight plastic odor.
 BOILING POINT (C): N/A
 MELTING POINT: N/A
 VAPOR PRESSURE (mmHg.): Negligible.
 VAPOR DENSITY (AIR=1): N/A
 SOLUBILITY IN WATER: Negligible.
 SPECIFIC GRAVITY (Water=1): 1.4
 PERCENT VOLATILE BY VOLUME: Negligible
 EVAPORATION RATE (BUTYL ACETATE=1): Negligible.
 PH IN CONCENTRATE: Cannot be determined.
 PH IN DILUTION AS USED: Cannot be determined.

94592

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
 EXTINGUISHING MEDIA: Water, Dry Chemical, Carbon Dioxide
 SPECIAL FIRE FIGHTING PROCEDURES: None
 UNUSUAL FIRE AND EXPLOSION HAZARDS: This material, like most organic materials in powder form, is capable of creating a dust explosion. Refer to NFPA Pamphlet No. 654, "Standard for the Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical and Plastics Industries," if this material is to be reduced or collected as a powder.

SECTION 5 HEALTH HAZARD DATA

A. EXPOSURE LIMITS: See Section 2
 OSHA (TWA/PEL): 15mg/m3 (Total Dust)
 5mg/m3 (Respirable Fraction)
 ACGIH (TWA/TLV): 10mg/m3 (Total Dust)

B. EFFECTS OF OVEREXPOSURE: Minimal respiratory tract irritation may occur as with exposure to large amounts any non-toxic dust. There are no known health hazards, mutagenicity, carcinogenicity or teratogenicity.

C. TOXICITY DATA:

<u>Test</u>	<u>Species</u>	<u>Result</u>
Mutagenicity	S. Typhimurium	Negative

SECTION 6 EMERGENCY FIRST AID PROCEDURES

Inhalation: Remove from exposure to fresh air.
 Eye Contact: Open eye and flush with plenty of water. If irritation persists get medical attention.
 Skin Contact: Wash with soap and water.
 Ingestion: Drink several glasses of water. Call a physician.

SECTION 7 REACTIVITY DATA

STABILITY: Stable.
 INCOMPATIBILITY: Strong oxidizers.
 HAZARDOUS DECOMPOSITION PRODUCTS: As with any other organic material, decomposition will produce Carbon Dioxide and Carbon Monoxide.
 HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8 SPILL, LEAK AND DISPOSAL PROCEDURES

SPILLS AND LEAKS: Sweep material onto paper and place in fiber carton.
DISPOSAL METHOD: No special disposal technique required. Ensure compliance with federal, state and/or local regulations.

SECTION 9 SPECIAL PROTECTION INFORMATION

VENTILATION: Good general ventilation should be sufficient.
PROTECTIVE GLOVES: None required.
EYE PROTECTION: None required.
OTHER PROTECTIVE EQUIPMENT: None.

SECTION 10 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep out of reach of children.

Keep from contact with oxidizing materials.

SECTION 11 REGULATORY INFORMATION

CHEMICALS REQUIRED TO BE REPORTED UNDER SARA TITLE III, CERCLA: None

ALL COMPONENTS ARE REGISTERED IN ACCORDANCE WITH TSCA.

D.O.T.

Proper Hazard Class: N/A
Shipping Class: N/A
UN ID No.: N/A

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process.