

Canon

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MATERIAL SAFETY DATA SHEET

MSDS No: CPT-0014-000

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

00283

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SECTION 1 IDENTIFICATION

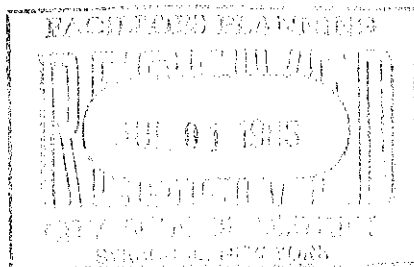
TRADE NAME: NP-210/230/270/300/350/400/500 Toner
PRODUCT DESCRIPTION: Toner powder for Canon copiers (200g)
ITEM NO: F41-2201-AT1

SECTION 2 INGREDIENTS

Principal Component(s)	CAS No.	WT. %	TLV
Styrene acryl copolymer	1317-61-9	55-60	
Iron oxide	72869-85-3	35-40	
Saltic acid chelate		1-5	0.5mg/m ³ (TWA)

SECTION 3 PHYSICAL DATA

APPEARANCE AND ODOR: Fine powder, slight plastic odor.
BOILING POINT (C°): Not applicable.
MELTING POINT: Not applicable.
VAPOR PRESSURE (mmHg.): Negligible.
VAPOR DENSITY (AIR=1): Not applicable.
SOLUBILITY IN WATER: Negligible.
SPECIFIC GRAVITY (H₂O=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.



SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not applicable.
EXTINGUISHING MEDIA: Water, Dry Chemical, CO₂
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
- B. EFFECTS OF OVEREXPOSURE: Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.
- C. EMERGENCY AND FIRST AID PROCEDURES:
 - Inhalation: Remove from exposure
 - Eye Contact: No specific hazard is known to Canon. However, any material that contacts the eye may be irritating. In case of eye contact, flush with plenty of water.
 - Skin: Wash with soap and water.

D. TOXICITY DATA:

Test	Species	Result
Mutagenicity	S. Typhimurium	Negative

SECTION 6 REACTIVITY DATA

STABILITY: Stable.
INCOMPATIBILITY: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: As with any other organic material, combustion will produce carbon dioxide and probably carbon monoxide.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7 SPILL, LEAK AND DISPOSAL PROCEDURES

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

SECTION 8 SPECIAL PROTECTION INFORMATION

VENTILATION:

Good general ventilation should be sufficient.

PROTECTION GLOVES:

None required.

EYE PROTECTION:

None required.

OTHER PROTECTIVE EQUIPMENT:

None.

SECTION 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep out of reach of children.

Keep from contact with oxidizing materials.