

**MATERIAL SAFETY DATA SHEET**

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**SECTION 1 PRODUCT IDENTIFICATION**

TRADE NAME: NP-1215/1218/1520/2020 Toner (Black) NPG-1

PRODUCT DESCRIPTION: Toner powder for Canon copiers

ITEM NO: F41-5902-704

NFPA HMIS RATINGS: Health: 0, Flammability: 1, Reactivity: 1

**SECTION 2 INGREDIENTS (Toner)**

Principal Component(s)	CAS NO.	Wt. %	OSHA (PEL) ACGIH (TLV)
Styrene Acrylate Copolymer	-----	40-50	N/A
Iron Oxide	1317-61-9	40-50	N/A
Styrene Polymer	-----	5-15	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 NTP latest Annual Report, IARC Monographs and OSHA regulations.

**SECTION 3 PHYSICAL DATA**

APPEARANCE AND ODOR: Fine powder, slight plastic odor.  
 BOILING POINT (C): N/A  
 MELTING POINT: 100 - 150 Deg C.  
 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.  
 SOLUBILITY IN ORGANIC SOLVENTS: Partially soluble in Toluene and

Xylene.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

N/A

IGNITION TEMPERATURE:

No data available.

FLAMMABILITY:

Non-flammable solid (According to 16 CFR 1500.44 test method.)

FLAMMABLE LIMITS:

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.

SECTION 5 HEALTH HAZARD DATA

A. EXPOSURE LIMITS:

OSHA (TWA/PEL): 15mg/m3 (Total Dust)

5mg/m3 (Respirable fraction)

ACGIH (TWA/TLV): 10mg/m3 (Total dust)

B. EFFECTS OF OVEREXPOSURE:

Inhalation: Toner is finely divided solid. Do not breathe dust.

Eye contact: No specific hazard is known to Canon. However, any

material that contacts the eye may be irritating.

Skin contact: Low hazard for industrial handling.

No data available for chronic effects of overexposure.

C. TOXICITY DATA:

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. Any material that contacts the eye may be irritating. If irritation persists contact a physician.

Skin: Wash with soap and water.

Ingestion: Drink several glasses of water. Contact 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 & LEAKS:** Avoid inhalation of dust.  
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. Toner may be considered plastic waste.

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-**

DEPARTMENT OF TRANSPORTATION

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

ALL COMPONENTS ARE REGISTERED IN ACCORDANCE WITH TSCA.

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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.