

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION

TRADE NAME: NPG-5 TONER BLACK

PRODUCT DESCRIPTION: Toner powder for Canon NP-3030/3050 (Black)

ITEM NO: F41-8201-000

NFPA HMS RATING: Health: 0, Flammability: 1, Reactivity: 1

<u>SECTION 2 INGREDIENTS</u>			
<u>Principal Component(s)</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>OSHA (PEL) ACGIH (TLV)</u>
Iron Oxide	(1317-61-9)	40-50	N/A
Styrene acrylate copolymer		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 latest NTP Annual Report, IARC Monographs and OSHA regulation.

SECTION 3 PHYSICAL DATA

BOILING POINT: Not available for solid mixtures.
 MELTING POINT: 100 - 150 C
 VAPOR PRESSURE (mmHg.): Negligible.
 VAPOR DENSITY (AIR=1) N/A
 SOLUBILITY IN WATER: Negligible
 SOLUBILITY IN ORGANIC SOLVENTS: Partially soluble in Toluene and Xylene.
 SPECIFIC GRAVITY (Water=1): 1.4 - 1.6
 PERCENT VOLATILE BY VOLUME (%): Negligible
 EVAPORATION RATE (BUTYL ACETATE=1): Negligible
 PH IN CONCENTRATE: Cannot be determined.
 PH IN DILUTION: Cannot be determined.
 APPEARANCE AND ODOR: Fine powder, slight plastic odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): No data available.
IGNITION TEMPERATURE: No data available.
FLAMMABILITY: Non-flammable solid (According to test method of USA 16 CFR 1500.44.)
FLAMMABLE LIMITS: No data available.
EXTINGUISHING MEDIA: Carbon Dioxide, Dry chemical, water.
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: 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:

No data available for chronic effects of overexposure.

Inhalation: Toner is a finely divided solid. Do not breathe dust.
Eye Contact: No specific hazard is known to the manufacturer. However, any material that contacts the eye may be irritating.
Skin: Low hazard for industrial handling.

No data available for chronic effects of overexposure.

C. TOXICITY DATA:

Mutagenicity: Negative (test strain: S. Typhimurium)

CARCINOGENICITY:

No carcinogen or potential carcinogen, according to IARC Monographs **, NTP ***, or OSHA.

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: 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: Toner could be considered plastic waste.

For incineration, package adequately. Dispose in accordance with federal, state and 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 required.

RESPIRATORY PROTECTION:

None required.

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 Class: N/A

Hazard Class: N/A

UN ID No.: N/A

ALL COMPONENTS ARE REGISTERED IN ACCORDANCE WITH TSCA.

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.

FOOTNOTES:

* The term "TWA" stands for Time Weighted Average.

** The term "IARC" stands for International Agency for Research on Cancer.

*** The term "NTP" stands for National Toxicology Program.