

CANON INC -- NP-6000/7000/8000 SERIES TONER BLACK(SEE SUPP

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MSDS Safety Information

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FSC: 6850

NIIN: 01-424-2799

MSDS Date: 08/01/1997

MSDS Num: CLGYC

Product ID: NP-6000/7000/8000 SERIES TONER BLACK(SEE SUPPL)

MFN: 03

Responsible Party

Cage: SG166

Name: CANON INC

Address: 30-2 SHIMOMMARRUKO 3-CHOME

OHTA-KY

City: TOKYO NK 00146

Country: JA

Info Phone Number: 406231

Emergency Phone Number: 516-328-5600

Resp. Party Other MSDS No.: CPY-0164-006

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Item Description Information

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Item Manager: S9G

Item Name: TONER,INDIRECT ELECTROSTATIC PROCESSING

Specification Number: UNKNOWN

Unit of Issue: EA

UI Container Qty: 0

Type of Container: CARTRIDGE

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Ingredients

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Name: *** PROPRIETARY ***

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Health Hazards Data

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LD50 LC50 Mixture: NOT PROVIDED

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED
HANDLING. EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION

SKIN: EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: EYES: MAY CAUSE TRANSIENT IRRITATION.

Medical Cond Aggravated By Exposure: NOT PROVIDED

First Aid: INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: ANY MATERIAL THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: SWEEP MATERIAL ONTO PAPER AND PLACE IN A FIBER CARTON. DO NOT USE A VACUUM CLEANER TO CLEAN-UP SPILLS OF POWDERED TONER. THE FINE PARTICLES CAN CAUSE A FIRE OR EXPLOSION.

Neutralizing

Agent: NOT RELEVANT

Waste Disposal Methods: INCINERATE OR LANDFILL, CAN BE INCINERATED WHEN IN COMPLIANCE WITH LOCAL REGULATIONS. DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE, OR LOCAL LAWS.

Handling And Storage Precautions: USE ADEQUATE VENTILATION. KEEP CONTAINER CLOSED.

Other Precautions: AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. 4 TO 6 ROOM VOLUMES OF AIR EXCHANGED PER HOUR IS SUFFICIENT.

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Fire and Explosion Hazard Information

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Extinguishing Media: WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL.

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard: TONER MATERIAL, LIKE MOST ORGANIC MATERIAL IN POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

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Control Measures

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Respiratory Pr

Protection: NONE REQUIRED WHEN USED IN INTENDED FASHION.
Ventilation: GOOD VENTILATION (TYPICALLY 4-6 ROOM VOLUMES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.
Protective Gloves: FOR PROLONGED OR REPEATED SKIN CONTACT, IMPERVIOUS GLOVES SHOULD BE WORN.
Eye Protection: IT IS GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE EYE CONTACT.
Other Protective Equipment: WASHING FACILITIES.
Work Hygienic Practices: GOOD INDUSTRIAL HYGIENE PRACTICE SHOULD BE FOLLOWED WHICH INCLUDES PREVENTING EYE CONTACT, MINIMIZING SKIN CONTACT, INHALATION.
Supplemental Safety and Health: ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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Physical/Chemical Properties

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HCC: N1
NRC/State LIC No: NOT RELEVANT
M.P/F.P Text: 100-150DEGREES CENTIGRADE
Decomp Text: NOT PROVIDED
Vapor Pres: NEGLIGIBLE
Vapor Density: (AIR=):N/A
Spec Gravity: (WATER=1):1.4-1.6
Evaporation Rate & Reference: NEGLIGIBLE
Solubility in Water: NEGLIGIBLE
Appearance and Odor: FINE SOLID POWDER, BLACK COLOR, SLIGHT PLASTIC ODOR
Corrosion Rate: NOT PROVIDED

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Reactivity Data

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Stability Indicator: YES
Stability Condition To Avoid: NOT PROVIDED
Materials To Avoid: STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products: COMBUSTION WILL PRODUCE CARBON DIOXIDE AND POSSIBLY TOXIC CHEMICALS SUCH AS CARBON MONOXIDE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE

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Toxicological Information

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Toxicological Information: HEALTH HAZARDS OF LONG-TERM EXPOSURE(CHRONIC): BASED UPON AVAILABLE DATA, HUMAN EXPOSURE TO TONER HAS BEEN SHOW

N TO CAUSE MINIMAL
RESPIRATORY TRACT IRRITATION AS MAY OCCUR WITH LARGE AMOUNTS OF ANY N
ONTOXIC DUSTS. THE RESULTS OF ONE ANMIAL STUDY WHERE RATS INHALED TONER THAT
WAS TEN TIME MORE RESPIRABLE THAN COMMERICALLY AVAILABLE TONER WERE OBSERVED
TO HAVE NO LUNG CHANGES AT LOW EXPOSURES (THE MOST RELEVANT LEVEL TO
POTENTIAL HUMAN EXPOSURE). AT HIGHER LEVELS A SLIGHT DEGREE OF LUNG FIBROSIS
WAS OBSERVED DUE TO EXCESSIVE AMOUNTS OF DUST RETAINED IN THE LUNGS FOR A
PROLONGED INTERVAL.

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Ecological Information

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Ecological: THIS MATERIAL HAS NOT BEEN TESTED FOR ENVIRONMENTAL EFFECTS. IN A
SPILL SITUATION THIS MATERIAL MAY BE VISUALLY UNPLEASANT; HOWEVER, IT IS NOT
EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.

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MSDS Transport Information

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Transport Informat

ion: SHIPPING NAME: NOT REGULATED.

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Regulatory Information

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Sara Title III Information: THIS PRODUCT CONTAINS CHEMICAL(S) SUBJECT TO THE
REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT
AND REAUTHORIZATION ACT OF 1986 (SARA) AND OF 40 CFR PART 372: CHROMIUM (III)
COMPOUND: 2.0 WT% (MAXIMUM) {AS CHROMIUM METAL: 0.5 WT% (MAXIMUM) }

Federal Regulatory In

formation: TSCA STATUS: ALL CHEMICAL INGREDIENTS FOUND ON
TSCA INVENTORY.

State Regulatory Information: MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE CANCER: NONE. MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
ADVERSE REPRODUCTIVE EFFECTS: NONE.

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Other Information

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Transportation Information

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Responsible Party Cage: SG166

Trans ID NO: 157902

Product ID: NP-6000/7000/8000 SERIES TONER BLACK(SEE SUPPL)

MSDS Prepared Date: 08/01/1997

Review Date: 07/17/2001

MFN: 3

Multiple KIT Number: 0

Unit Of Issue: EA

Container QTY: 0

Type Of Container: CARTRIDGE

Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.

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Detail DOT Information

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DOT P

SN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: NP-6000/7000/8000 SERIES TONER BLACK(SEE SUPPL)
Cage: SG166
Company Name: CANON INC
Street: 30-2 SH
IMOMMARRUKO 3-CHOME OHTA-KY
City: TOKYO NK
Zipcode: 00146
Country: JA
Health Emergency Phone: 516-328-5600
Label Required IND: Y
Date Of Label Review: 07/17/2001
Status Code: A
MFG Label NO: NOT PROVIDED
Year Procured: 2001
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: NO
Skin Protection IND: NO
Signal Word: CAUTION
Respiratory Protection IND: NO
Health Hazard: None
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None
Hazard And Precautions: TARGET ORGANS: N/P. CAUTIO

NI! MAY CAUSE TRANSIENT EYE

IRRITATION. DO NOT BREATHE DUST. IF SWALLOWED, DRINK 1-2 GLASSES OF WATER.

CALL PHYSICIAN. IN CASE OF EYE CONTACT, FLUSH WITH WATER FOR 15 MINUTES.

CALL A PHYSICIAN. READ MSDS BEFORE USING.

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