

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

=====
MSDS Safety Information
=====

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 OH
TA-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

=====
Item Description Information
=====

Item Manager: S9G
Item Name: TONER,INDIRECT ELECTROSTATIC PROCESSING
Specification Number: UNKNOWN
Unit of Issue: EA
UI Container Qty: 0
Type of Container: CARTRIDGE

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====
Health Hazards Data
=====

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.

=====
Handling and Disposal
=====

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.

=====
Fire and Explosion Hazard Information
=====

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.

=====
Control Measures
=====

Respiratory 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

LUDES 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.

=====

Physical/Chemical Properties

=====

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

=====

Reactivity Data

=====

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

=====

Toxicological Information

=====

Toxicological Information: HEALTH HAZARDS OF LONG-TERM EXPOSURE(CHRONIC): BASED UPON AVAILABLE DATA, HUMAN EXPOSURE TO TONER HAS BEEN SHOWN TO CAUSE MINIMAL RESPIRATORY TRACT IRRITATION AS MAY OCCUR WITH LARGE AMOUNTS OF ANY NONTOXIC DUSTS. THE RESULTS OF ONE ANIMAL 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.

=====

=====
Ecological Information
=====

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.

=====
MSDS Transport Information
=====

Transport Information:
SHIPPING NAME: NOT REGULATED.

=====
Regulatory Information
=====

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 Information: 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.

=====
Other Information
=====

=====
Transportation Information
=====

=====
Responsible Party Code: 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.

=====
Detail DOT Information
=====

DOT PSN

Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
HAZCOM Label
=====

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

Cage: SG166

Company Name: CANON INC

Street: 30-2 SHIM

OMMARRUKO 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. CAUTION!

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.

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.