

RICOH CORP -- TONER TYPE 450, 889463

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MSDS Safety Information

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FSC: 6850

NIIN: 01-439-6250

MSDS Date: 07/14/1995

MSDS Num: CFTCW

Product ID: TONER TYPE 450, 889463

MFN: 01

Responsible Party

Cage: RICOH

Name: RICOH CORP

Address: 5 DEDRICK PLACE

City: WEST CALDWELL NJ 07006

Info Phon

e Number: 201-882-2000;800-336-6737

Emergency Phone Number: 800-336-6737

Proprietary Ind: Y

Published: Y

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Contractor Summary

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Cage: 2Z665

Name: RICOH CO LTD

Address: 5 DEDRICK PL

City: CALDWELL NJ 07006-6304

Phone: 973-882-2000 / 800-336-6737

Cage: RICOH

Name: RICOH CORP

Address: 5 DEDRICK PLACE

City: WEST CALDWELL NJ 07006

Phone: 201-882-2000

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Item Description Information

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Item Name: TONER,INDIRECT ELECTROSTATIC PROCESSING

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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: NONE SPECIFIED B

Y MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: YES

OSHA: NO

Effects of Exposure: ACUTE: EYES: MAY CAUSE TEMPORARY EYE DISCOMFORT. SKIN: NON-IRRITANT. INHALATION: GASPING. INGESTION: GREATER THAN 5 G/KG BODYWEIGHT. CHRONIC: PROLONGED INHALATION OF EXCESSIVE DUST MAY CAUSE LUNG DAMAGE THAT IS ATTRIBUTED TO "LUNG OVERLOADING", A GENERIC RESPONSE TO EXCESSIVE AMOUNTS OF ANY DUST (EFTS OF OVEREXP)

Explanation Of Carcinogeni

city: CARBON BLACK: IARC MONOGRAPHS ON EVAL OF CARCIN

RISK OF CHEMS TO MAN, VOL 65, PG 24-27, 1995: GROUP 2B (ANIMAL: LUNG).

Signs And Symptoms Of Overexposure: HEALTH HAZARDS: RETAINED IN LUNGS FORM

PROLONGED INTERVAL. USE OF PRODUCT AS INTENDED DOES NOT RESULT IN INHALATION OF EXCESSIVE DUST.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE: TRY TO REMOVE WITH EYE DROPS OR FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF UNSUCCESSFUL, GET MEDICAL ATTENTI

ON. SKIN: WASH THOROUGHLY

WITH SOAP AND WATER. INHALATION: REMOVE FROM EXPOSURE. INGESTION: DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER.

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Handling and Disposal

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Spill Release Procedures: SWEEP UP USING APPRVD TONER VACUUM CLEANER WITH 0.5 MICRON FILTER OR SMALLER SUCH AS ATRIX AAA TONER VACUUM (RICOH EDP CODE 342MIU). USE OF VACUUM CLEANER NOT RATED FOR TONER PARTICULA

TE COULD BE POTN

TL FIRE HAZ &/OR RSLT IN PERSONAL INJURY. (SUPDAT)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: USED TONER SHOULD BE DISP OF IN AN ENVIRONMENTALLY SAFE MANNER & I/A/W GOVERNMENTAL REGS. DO NOT INCIN LOOSE/SPILLED TONER. DISP REGS VARY FROM LOCALITY TO LOCALITY, THEREFORE, CONSULT YOUR LOC, ST & FED OFFICE OF EPA TO DETERM PROPER METHOF DISP.

Handling And Storage Precautions: STORE IN COOL, DRY PLACE. CLEANSE SKIN THOROUGHLY A

FTER CONTACT, BEFORE BREAKS AND MEALS, AND AT END OF WORK PERIODS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: DO NOT HANDLE IN AREAS WHERE WIND BLOWS. FLYING POWDER MAY ENTER EYES. MINIMIZE INHALATION OF DUST.

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Fire and Explosion Hazard Information

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Extinguishing Media: FOAM, WATER SPRAY (FOG), DRY CHEMICALS OR CARBON DIOXIDE MAY BE SUITABLE.

Fire Fighting Procedures: USE N

IOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT
(FP N).

Unusual Fire/Explosion Hazard: AIRBORNE DISPERSAL OF MOST FINELY DIVIDED
ORGANIC POWDERS SUCH AS TONER MAY FORM AN EXPLOSIVE MIXTURE. DO NOT
INCINERATE LOOSE OR SPILLED TONER.

Control Measures

Respiratory Protection: NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. USE NIOSH
APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF C
ONCERN (FP N).
Ventilation: MECHANICAL (GENERAL): ADEQUATE VENTILATION.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).
Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N).
Work Hygienic Practices: MINIMIZE BREATHING DUST. CLEANSE SKIN THOROUGHLY AFTER
CONTACT, BEFORE BREAKS AND MEALS.
Supplemental Safety and Health: SPILL PROCEDURE: REMOVE RESIDUE WITH SOAP AND
WATER.

Physical/Chemical Properties

Spec Gravity: 1.2
Solubility in Water: NEGLIGIBLE;
Appearance and Odor: BLACK POWDER WITH SLIGHT PLASTIC ODOR.

Reactivity Data

Stability Indicator: YES
Materials To Avoid: NONE.
Hazardous Decomposition Products: CARBON MONOXIDE AND OTHER DECOMPOSITION
PRODUCTS IN CASE OF INCOMPLETE COMBUSTI
ON.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT.

Toxicological Information

Ecological Information

MSDS Transport Information

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Regulatory Information

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Other Information

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Transportation Information

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Responsible Party Cage: RICOH

Trans ID NO: 136807

Product ID: TONER TYPE 450, 889463

MSDS Prepared Date: 07/14/1995

Review Date: 01/08/1998

MFN: 1

Multiple KIT Number: 0

Review IND: Y

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Detail DOT Information

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DOT PSN 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 Na

me: 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 TRANSPORTATI
ON

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HAZCOM Label

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Product ID: TONER TYPE 450, 889463

Cage: RICOH

Assigned IND: Y

Company Name: RICOH CORP

Street: 5 DEDRICK PLACE

City: WEST CALDWELL NJ

Zipcode: 07006

Health Emergency Phone: 800-336-6737

Label Required IND: Y

Date Of Label Review: 12/02/1997

Status Code: C

Label Date: 12/02/1997

Origination Code: G

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE. ACUTE: EYES: MAY CAUSE TEMPORARY EYE DISCOMFORT. INHALATION: GASPING. INGESTION: GREATER THAN 5 G/KG BODYWEIGHT. CHRONIC: CANCER HAZARD. CONTAINS CARBON BLACK, WHICH IS LISTED AS AN ANIMAL LUNG CARCINOGEN (FP N). PROLONGED INHALATION OF EXCESSIVE DUST MAY CAUSE LUNG DAMAGE THAT IS ATTRIBUTED TO "LUNG OVERLOADING". CANCER HAZARD. CONTAINS CARBON BLACK, WHICH IS LISTED AS AN ANIMAL LUNG CARCINOGEN (FP N).

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