

XEROX CORPORATION -- 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONE

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MSDS Safety Information

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FSC: 6850

NIIN: 01-173-3992

MSDS Date: 09/10/1998

MSDS Num: CJMGG

Product ID: 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONER

MFN: 01

Responsible Party

Cage: 26921

Name: XEROX CORPORATION

Address: 100 CLINTON AVE SOUTH

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City: ROCHESTER NY 14644

Info Phone Number: 800-828-6571

Emergency Phone Number: 716-422-1230 HEALTH/716-422-1230TRN

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Item Description Information

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Item Manager: S9G

Item Name: TONER,DIRECT ELECTROSTATIC PROCESS

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: BX

Quantitative Expression: 00000000006EA

UI Container Qty: 1

Type of Container: BOX

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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: LD50 RAT >10 GRAMS/KG

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE- INHALATION: PRACTICALLY NON-TO

XIC, HIGH

CONCENTRATIONS MAY CAUSE MILD IRRITATION. EYES:IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INGESTION: PRACTICALLY NON-TOXIC, BU T MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE SEVERE PULMONARY INJURY INCLUDING FATALITY. CHRONIC: DERMATITIS.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptions Of Overexposure: INHALED-IRRITATION, COUGHING. . SKIN-

IRRITATION, DRYNESS, DERMATITIS.EYES: IRRITATION, REDNESS.

Medical Cond Aggravated By Exposure: NONE NOTED.

First Aid: IN ALL CASES GET MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR.

GIVE ARTIFICIAL RESPIRATION, IF NOT BREATHING GIVE OXYGEN. EYE-FLUSH WITH WATER FOR 15 MINUTES, HOLD LID OPEN. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING. IF VOMITING OCCURS, LOWER HEAD BELOW KNEES TO AVOID ASPIRATION INTO LUNGS. SEEK MEDICAL HELP

IMMEDIATELY.

Handling and Disposal

Spill Release Procedures: ELIMINATE ALL SOURCES OF IGNITION. RECOVER FREE LIQUID USING AN ABSORBENT MATERIAL (VERMICULITE). PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: WASTE TONER MAY BE CLASSIFIED AS AN IGNITABLE (D001) WASTE UNDER FEDERAL/STATE REGULATIONS AND SHOULD BE D ISPOSED OF AT AN

APPROVED FACILITY IAW LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions: AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED SKIN CONTACT.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point: =38.9C, 102.F

Flash Point Text: 102F - 107F

Lower Limits: 0.8%

Upper Limits: 7.0%

Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER. AVOID BREATHING VAPORS OR FUMES.

Unusual Fire/Explosion Hazard: DO NOT MIX OR STORE WITH STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE OR CONCENTRATED OXYGEN.

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Control Measures

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Respiratory Protection: NONE NORMALLY REQUIRED.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: NEOPRENE OR NITRILE.

Eye Protection: NONE NORMALLY REQUIRED.

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING,
OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

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Physical/Chemical Properties

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HCC: F4

Boiling Point: >160.C, 320.F

B.P. Text: 160C - 180C

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 1MMHG @20C

Vapor Density: 5.0

Spec Gravity: 0.77

VOC Grams/Liter: 730

Viscosity: UNKNOWN

Evaporation Rate & Reference: 0.3 (N-BUTYL ACETATE=1)

Solubility in Water: IMMISCIBLE

Appearance and Odor: BLACK LIQUID; SLIGHT ODOR.

Percent Volatiles by Volume: 100

Corrosion Rate: UNKN

OWN

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE AND
CONCENTRATED OXYGEN.

Hazardous Decomposition Products: FUMES, SMOKE AND CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information

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Toxicological Information: DEERMAL LD50 RABBIT >3.2 GRAM/KG PRACTICALLY
NON-TOXIC; INHALATION LC50 > 2000 PPM/4 HR (RAT), >1800 PPM/6 HR
(MONKEY) PRACTICALLY NON-TOXIC; NO MUTAGENICITY DETECTED IN AMES, POL
A+/A-, WP2, MOUSE LYMPHOMA, IN-VITRO SISTER CHROMATID EXCHANGE, DOMINANT
LETHAL AND MICRONUCLEUS ASSAYS. AQUATIC LC50: NONE AVAILABLE.

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Ecological Information

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MSDS Transport Information

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Transport Information: FLAMABLE LIQUID, NOS, 3, UN1993, III.

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Regulatory Information

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Sara Title III Information: NO RQ.

State Regulatory Information:

NOT ON CALIFORNIA PROPOSITION 65 LIST; LISTED ON

CANADIAN DSL, TRADE SECRET INGREDIENTS ARE REGISTERED IN MASSACHUSETTS, NEW
JERSEY AND NEW YORK.

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Other Information

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Other Information: RAT INHALATION AT 900 PPM NOT FETOTOXIC OR TERATOGENIC.

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Transportation Information

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Responsible Party Code: 26921

Trans ID NO: 148531

Product ID: 4405-32 CE-PROCESS BLACK TYPE H, TYPE V80 TONER

MSDS Prepared Date: 09/10/1998

Review Date: 09/19/1999

MFN: 1

Tech Entry NOS Shipping Name: CONTAINS ISOPARAFFINIC HYDROCARBON SOLVENT

Net Unit Weight: 1.6 LB/QT

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY: 1

Type Of Container: BOX

Additional Data: U/I; 6X1 QT CANS

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Detail DOT Information

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DOT PSN Code: GJL
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 203
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A

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Detail IMO Information

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IMO PSN Code: HIA
IMO Proper
Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3345
UN Number: 1993
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T

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Detail IATA Information

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IATA PSN CA
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note
 Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310

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Detail AFI Information

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AFI PSN CA
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONER

Cage: 26921

Company Name: XEROX CORPORATION

Street: 100 CLINTON AVE SOUTH

City: ROCHESTER NY

Zipcode: 14644-1877

Health Emergency Phone: 716-422-1230 HEALTH/716-422-1230TRN

Label Required IND: Y

Date Of Label Review: 09/19/1999

Status Code: A

Year Procured: 1999

Origination Code: F

Chronic Hazard IND: Y

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity H

azard: None

Hazard And Precautions: ACUTE- INHALATION: PRACTICALLY NON-TOXIC, HIGH CONCENTRATIONS MAY CAUSE MILD IRRITATION. EYES:IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INGESTION: NON-TOXIC, BUT MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE SEVERE PULMONARY INJURY INCLUDING FATALITY. CHRONIC: DERMATITIS. FIRST AID- INHALATION-REMOVE TO FRESH AIR. GIVE CPR, IF NOT BREATHING GIVE OXYGEN. EYE-FLUSH WITH WATER FOR 15 MINUTES, HOLD LID OPEN. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING. IF VOMITING OCCURS, LOWER HEAD BELOW KNEES TO AVOID ASPIRATION INTO LUNGS. SEEK MEDICAL HELP IMMEDIATELY.

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