

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

=====

MSDS Safety Information

=====

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

C

City: ROCHESTER NY 14644

Info Phone Number: 800-828-6571

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

=====

Item Description Information

=====

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

=====

=====

Ingredients

=====

Name: \*\*\* PROPRIETARY \*\*\*

-----

=====

Health Hazards Data

=====

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, BUT 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 Symptoms 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 DISPOSED 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.

=====

=====

## Control Measures

=====

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.

=====

=====

## Physical/Chemical Properties

=====

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

=====

## Reactivity Data

=====

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.

=====

=====

Toxicological Information

=====

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.

=====

=====

Ecological Information

=====

=====

MSDS Transport Information

=====

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

=====

Regulatory Information

=====

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.

=====

Other Information

=====

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

=====

Transportation Information

=====

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

=====

Detail DOT Information

=====

=====

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

=====

Detail IMO Information

=====

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

=====

Detail IATA Information

=====

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

=====

Detail AFI Information

=====

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

=====

HAZCOM Label

=====

=====

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.

=====

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, state s, 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.