

XEROX CORPORATION -- DOCUTECH 90/DOCUPRINT 390 TONER, CLASS V DRY INK --  
6850-01-165-5409

===== Product Identification =====

Product ID:DOCUTECH 90/DOCUPRINT 390 TONER, CLASS V DRY INK

MSDS Date:09/09/1997

FSC:6850

NIIN:01-165-5409

Status Code:A

MSDS Number: CKVVB

=== Responsible Party ===

Company Name:XEROX CORPORATION

Address:100 CLINTON AVE SOUTH

City:ROCHESTER

State:NY

ZIP:14644

Country:US

Info Phone Num:800-828-6571

Emergency Phone Num:716-422-2177/1230

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esp. Party Other MSDS Num.:A-0110

CAGE:26921

=== Contractor Identification ===

Company Name:XEROX CORPORATION

Address:100 CLINTON AVE SOUTH

Box:City:ROCHESTER

State:NY

ZIP:14644-1877

Country:US

Phone:800-828-6571/716-422-2177

CAGE:26921

===== Composition/Information on Ingredients =====

Ingred Name:STYRENE / ACRYLATE POLYMER

CAS:25213-39-2

> Wt:90.

Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Minumum % Wt:5.

Maxumum % Wt:10.

O

ther REC Limits:NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9596

Ingred Name:QUATERNARY AMMONIUM SALTS (CAS NOS. 123-03-5 AND 3843-16-1)

(NOTE: TONERS LABELED 1075/1090/4050/4090/4650 CONTAIN ONLY

QUATERNARY AMMONIUM SALT CAS # 123-03-5; < 5%)

&lt; Wt:5.

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >10G/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcino

genicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MINIMAL RESPIRATORY TRACT IRRITATION

MAY OCCUR AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%

WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC, OR OSHA.

Effects of Overexposure:MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR

AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST.

Medical Cond Aggravated by Exposure:NONE WHEN USED AS DESCRIBED

BY

PRODUCT LITERATURE.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER. SKIN: WASH WITH SOAP AND WATER.

INHALATION: REMOVE FROM EXPOSURE. INGESTION: DILUTE STOMACH

CONTENTS WITH SEVERAL GLASSES OF WATER.

===== Fire Fighting Measures =====

Flash Point:NONE

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

Fire Fighting Procedures:AVOID INHALATION OF SMOKE. WEAR PROTECTIVE  
CLOT

HING AND SELF-CONTAINED BREATHING APPARATUS. NFPA 704: HEALTH:

0, FIRE: 3, REACTIVITY: 0.

Unusual Fire/Explosion Hazard:TONER IS A COMBUSTIBLE POWDER. LIKE MOST

ORGANIC MATERIALS IN POWDER FORM, IT CAN FORM EXPLOSIVE MIXTURES

WHEN DISPERSED IN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP OR VACUUM SPILLED TONER AND CAREFULLY  
TRANSFER INTO SEALABLE CONTAINER. SWEEP SLOWLY TO MINIMIZE

GENERATION OF DUST DURING CLEA

NUP. IF A VACUUM IS USED, THE MOTOR  
MUST BE RATED AS DUST TIGHT. A CONDUCTIVE HOSE BONDED TO THE  
MACHINE SHOULD BE USED TO REDUCE STATIC BUILDUP. RESIDUE CAN BE  
REMOVED WITH SOAP AND COLD WATER. GARMENTS MAY BE WASHED OR DRY  
CLEANED, AFTER REMOVAL OF LOOSE TONER.  
Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:HANDLING AND STORAGE: NONE. AVOID  
PROLONGED INHALATION OF EXCESSIVE DUST.

Oth  
er Precautions:FOLLOW LABEL DIRECTIONS. AVOID BREATHING DUST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED IN XEROX  
EQUIPMENT.

Protective Gloves:NONE REQUIRED WHEN USED AS INTENDED IN XEROX  
EQUIPMENT.

Eye Protection:NONE REQUIRED WHEN USED AS INTENDED IN XEROX EQUIPMENT.

Other Protective Equipment:FOR USE OTHER THAN NORMAL CUSTOMER-OPERATING  
PROCEDURES (SUCH AS IN BULK TONER PROCESSING FACILITIES), GO  
GGLES  
AND RESPIRATORS MAY BE REQUIRED. FOR MORE INFORMATION, CONTACT  
XEROX.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.  
AVOID PROLONGED INHALATION OF EXCESSIVE DUST. WASH HANDS AFTER USE  
AND BEFORE EATING.

Supplemental Safety and Health

TRADE NAME/SYNONYMS:

1075/1090,4050/4090/4250/4450/4530/4650/5388/5680/5892/DOCUTECH  
90/DOCUPRINT 390 TONER, CLASS V DRY INK. PART NO: USCO: 6R58\*,  
6R301, 6R455\*, FX: 6R303\*, 6R306\*, 6R323, XCL: 6R501 , 6R524\*  
; RX:  
6R303; NY: CL536R455\*, CL566R455\*, CL5P6R455\* (\*CANCELLED).

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:~1

Solubility in Water:NEGLIGIBLE.

Appearance and Odor:POWDER; BLACK; FAINT ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.

Stability Condition to Avoid:DUSTY CONDITIONS WITH SOURCES OF IGNITION.

Hazardous Decomposition Products:PRODUCTS OF COMBUSTION MAY

BE TOXIC.  
AVOID BREATHING SMOKE.

===== Toxicological Information =====

Toxicological Information: ORAL (RAT) LD50: >10 G/KG, PRACTICALLY NON-TOXIC. DERMAL (RABBITS) LD50: >2 G/KG, PRACTICALLY NON-TOXIC. INHALATION (RATS, 4 HR EXPOSURE) LC50: >5 MG/L, PRACTICALLY NON-TOXIC. >20 MG/L (RATS, CALCULATED 1 HR EXPOSURE) NON-POISONOUS, DOT. NOT AN EYE OR SKIN IRRITANT, OR SKIN SENSITIZER. HUMAN PATCH: NON-SENSITIZING, NON-IRRITATING. MUTAGENICITY: NONE DETECTED IN AMES ASSAY. CARCINOGENS: NONE PRESENT. TERATOLOGY (RATS): NO SIGNIFICANT EFFECTS ON FETAL DEVELOPMENT. SUBCHRONIC INHALATION (RATS): NO ADVERSE EFFECTS OTHER THAN THOSE DUE TO "LUNG OVERLOADING" A GENERIC RESPONSE TO EXCESSIVE DUST IN LUNGS FOR PROLONGED PERIOD.

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

Ecological: AQUATIC LC50: >500 MG/L (RAINBOW TROUT). TONERS LABELED 1075/1090/4050/4090/4650: AQUATIC LC50 >50 MG/L (RAINBOW TROUT). TOXICOLOGY: EXPOSURE LIMITS: TLV: 10 MG/M3 (TOTAL DUST); PEL: 15 MG/M3 (TOTAL DUST), 5.0 MG/M3 (RESPIRABLE DUST). STEL: N.E., CEILING: N.E., XEL (XEROX EXPOSURE LIMIT): 2.5 MG/M3 (TOTAL DUST), 0.4 MG/M3 (RESPIRABLE DUST)

===== Disposal Considerations =====

Waste Disposal Methods: THIS MATERIAL IS NOT A HAZARDOUS WASTE ACCORDING TO FEDERAL REGULATION 40 CFR 261. STATE AND LOCAL WASTE DISPOSAL REQUIREMENTS MAY HOWEVER, BE MORE RESTRICTIVE. CONSULT WITH APPROPRIATE STATE AND LOCAL AUTHORITIES FOR SPECIFIC INFORMATION. INCINERATE ONLY IN A CLOSED CONTAINER.

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

Transport Information: DOT PROPER SHIPPING NAME: N/A (NOT REGULATED); HAZARD CLASSIFICATION, ID NUMBER, AND PACKING GROUP: NOT APPLICABLE.

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

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