

XEROX CORPORATION -- BLACK DEVELOPER,5 R 311 -- 6850-01-406-7736

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

Product ID:BLACK DEVELOPER,5 R 311

MSDS Date:10/07/1997

FSC:6850

NIIN:01-406-7736

MSDS Number: CGFQG

=== Responsible Party ===

Company Name:XEROX CORPORATION

Address:100 CLINTON AVE SOUTH, XROX SQ

City:ROCHESTER

State:NY

ZIP:14644-1877

Country:US

Info Phone Num:800-828-6571/FAX 716-422-6449

Emergen

cy Phone Num:716-422-2177/1230

Resp. Party Other MSDS Num.:B-0289

CAGE:26921

=== Contractor Identification ===

Company Name:GIGA INC.

Address:2448 INDUSTRIAL PARK DRIVE

Box:4265

City:MACON

State:GA

ZIP:31208

Country:US

Phone:912-788-2448

CAGE:8S706

Company Name:RAHWAY TYPEWRITER CO

Address:98 RT 27

Box:City:RAHWAY

State:NJ

ZIP:07065

Country:US

Phone:732-381-6650

Contract Num:SP0450-99-M-C426

CAGE:1E1F3

Company Name:XEROX CORP XEROX SQ 010A

Address:100 CLINTON AVE S

City:ROCHESTER

State:NY

ZIP:14

644-1877  
Country:US  
Phone:716-422-2177  
CAGE:6U221  
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:CU-ZN FERRITE POWDER/CERAMIC BONDED ALUMINA  
CAS:66402-68-4  
Minumum % Wt:90.  
Maxumum % Wt:100.  
Other REC Limits:NONE RECOMMENDED

Ingred Name:STYRENE ACRYLATE COPOLYMER/ACRYLIC ACID BUTYL ESTER POLYMER  
WITH  
STYRENE  
CAS:25767-47-9  
&lt; Wt:9.  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
&lt; Wt:1.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3; 9596

Ingred Name:POLYPROPYLENE (WAX)  
CAS:9003-07-0  
RTECS #:TR5000000  
&lt; Wt:1.  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5,000 MG/KG.  
Routes of Entry: Inhalation:YES Skin:NO Ingestio

n:NO  
Reports of Carcinogenicity: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:NO CARCINOGENS PRESENT.  
Effects of Overexposure:MINIMAL RESPIRATORY IRRITATION.  
Medical Cond Aggravated by Exposure:NONE WHEN USED AS DESCRIBED BY  
PRODUCT LITERATURE.

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

First Aid:INHALED:MOVE TO FR  
ESH AIR. EYES:FLUSH WITH WATER. SKIN:WASH  
WITH SOAP & WATER. INGESTION:DILUTE STOMACH CONTENTS WITH SEVERAL  
GLASSES OF WATER.

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

Flash Point:NONE  
Extinguishing Media:WATER, CARBON DIOXIDE, FOAM OR DRY CHEMICAL.  
Fire Fighting Procedures:AVOID INHALATION OF SMOKE. WEAR PROTECTIVE  
CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE.

=====  
Accidental Release M  
easures  
=====

Spill Release Procedures:SWEEP UP OR VACUUM.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE.  
Other Precautions:AVOID PROLONGED INHALATION OF EXCESSIVE DUST.

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

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED IN XEROX  
EQUIPMENT.  
Ventilation:ROOM VENTILATION  
Protective Gloves:NO

NE 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 CUSTOME (SUCH AS BULK TONER PROCESSING), GOGGLES & RESPIRATOR MAY BE REQUIRED. FOR MORE INFORMATION, CONTACT XEROX.

Work Hygienic Practices:PRACTICE GOOD HYGIENIC PROCEDURE. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health  
NONE SPECIFED BY MANUFACTURER.

===== Physic  
al/Chemical Properties =====

HCC:N1  
Spec Gravity:5  
Appearance and Odor:BLACK POWDER - FAINT ODOR

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

Stability Indicator/Materials to Avoid:YES  
NONE.  
Stability Condition to Avoid:NONE.  
Hazardous Decomposition Products:PRODUCT OF COMBUSTION MAY BE TOXIC.

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

Toxicological Information:DERMAL LD50 (RABBIT): >5000 MG/KG; INHALATION LC50 (RATS, 4 HR): > 5 MG/L; EYE IRRITATION: NOT AN IRRITANT; SKIN SENSITIZATION: NOT A SENSITIZER; SKIN IRRITATION: NOT AN IRRITANT; HUMAN PATCH: NON-IRRI TATING, NON-SENSITIZING; MUTAGENICITY:NO MUAGENICITY DETECTED IN AMES ASSAY; CARCINOGENS: NONE PRESENT. AQUATICE LC50 (RAINBOW TROUT): >1125 MG/L; TLV (TOTAL DUST): 10 MG/M3, 5 MG/M3 (RESPIRABLE DUST) ; PEL: 15 MG/M3 (TOTAL DUST), 5 MG/M3 (RESPIRABLE DUST); STEL: NE; CEILING: NE; XEL: 2.5 MG/M3 (TOTAL DUST, 0.4 MG/M3 (RESPIRABLE DUST).

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

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:WHEN DISPOSED, THIS MATERIAL IS NOT A HAZARDOUS WASTE ACCORDING TO FEDERAL REGULATION 40 CFR 261. STATE AND LOCAL REQUIREMENTS MAY BE MORE RESTRICTIVE. CONSULT WITH LOCAL AND STATE AUTHORITIES FOR FUR THER INFORMATION.

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

=====

Transport Information:DOT PROPER SHIPPING NAME: NOT REGULATED.

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

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.  
Federal Regulatory Information:NONE SPECIFIED BY MANUFACTURER.  
State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

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

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 this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.