

MITA COPYSTAR AMERICA,INC. -- BLACK DEVELOPER FOR DC111, ETC -- 6850-01-243-9292

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

Product ID:BLACK DEVELOPER FOR DC111, ETC

MSDS Date:03/01/1990

FSC:6850

NIIN:01-243-9292

MSDS Number: BHJKP

=== Responsible Party ===

Company Name:MITA COPYSTAR AMERICA,INC.

Address:225 SAND ROAD

Box:40008

City:FAIRFIELD (FORMALLY IN HASBROUCK HEIGHTS

State:NJ

ZIP:07004-0008

Country

:US

Info Phone Num:201-808-8444

Emergency Phone Num:201-808-8444

CAGE:0AH08

=== Contractor Identification ===

Company Name:ABM OFFICE SUPPLY CO INC

Address:766 SPIRIT OF SAINT LOUIS BLVD

Box:City:CHESTERFIELD

State:MO

ZIP:63005

Country:US

Phone:800-266-5020

CAGE:79775

Company Name:MITA COPYSTAR AMERICA INC

Address:2930-B S FAIRVIEW ST

Box:813

City:SANTA ANA

State:CA

ZIP:92704

Country:US

Phone:714-556-0318

CAGE:0AH08

Company Name:MITA INDUSTRIAL CO.LTD;MITA COPYSTAR AMERICA,INC.

Address:777 TERRA

CE AVENUE
Box:813
City:HASBROUCK HEIGHTS
State:NJ
ZIP:07604-3110
Country:US
Phone:201-288-6900
CAGE:65678

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

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 70%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST;
9293

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3;TDUST; 9293

Ingred Name:CUPRIC OXIDE
CAS:1317-38-0
RTECS #:GL7900000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG CU/M3
ACGIH TLV:1 MG CU/M3

Ingred Name:BLACK TONER FOR DC-111
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mi

xture:ORAL RAT LD50 IS NOT KNOWN

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PRODUCT IS PRACTICALLY NON-TOXIC. IT PRODUCES PHYSICAL IRRITATION OF BODY TISSUES. RESPIRATORY IRRITATION MAY OCCUR IF LARGE AMOUNTS OF DUST ARE INHALED.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE:PHYSICAL IRRITATION SKIN:POSSIBLE

IRRITATION INHALED:RESPIRATORY IRRITATION WITH EXPOSURE TO LARGE AMOUNTS OF DUST. INGESTED:NOT REPORTED.

Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:NOT RELAVANT

Extinguishing Media:USE CARBON DIOXIDE,

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SWEEP UP BEING CAREFUL TO CREATE AS LITTLE DUST AS POSSIBLE OR VACUUM.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, DARK AREA. KEEP TIGHTLY CLOSED.

Other Precautions:NONE

=

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF EXPOSURE IS ABOVE THE TLV/PEL FOR NUISANCE DUST.

Ventilation:NOT NORMALLY REQUIRED.

Protective Gloves:NONE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE REQUIRED

Work Hygienic Practices:USE OF GOOD PERSONAL HYGIENE PRACTICES IS SUFFICIENT. AVOID INHALATION,INGESTION OR SKIN CONTACT IF POSSIBLE.

Supplemental Safety and Health

BLACK DEVELOPER IS USED FOR MODELS

DC-211,213RE,313Z,313ZD,4055,4085,2105.

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

HCC:N1

Spec Gravity:POWDER

pH:UNKNON

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FINE BLACK POWDER, PRACTICALLY ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Hazardous Decomposition Products:NONE GIVEN BY MANUFACTURER (SUPPLIER).

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. DGSC-SSH SUGGESTS THAT DISPOSAL MAY BE DONE AS THOUGH PRODUCT WERE ORDINARY REFUSE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The Unite

d 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.