

IBM CORP -- LASER PRINTER HIGH YIELD CARTRIDGE, 1380520 -- 7510-01-374-0902

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

Product ID:LASER PRINTER HIGH YIELD CARTRIDGE, 1380520

MSDS Date:08/12/1993

FSC:7510

NIIN:01-374-0902

MSDS Number: BWRHM

=== Responsible Party ===

Company Name:IBM CORP

Address:OLD ORCHARD ROAD

City:ARMONK

State:NY

ZIP:10504

Country:US

Info Phone Num:800-426-4333; 615-366-2000

Emergency P

hone Num:800-426-4333; 615-366-2000

CAGE:7N876

=== Contractor Identification ===

Company Name:IBM CORP

Address:OLD ORCHARD RD

City:ARMONK

State:NY

ZIP:10504

Country:US

Phone:716-722-5151

CAGE:7N876

Company Name:IBM CORPORATION

Address:OLD ORCHARD ROAD

City:ARMONK

State:NY

ZIP:10504-1709

Country:US

Phone:800-426-4333/FAX 214-280-3903

CAGE:30874

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

Ingred Name:CARBON BLACK LD50: (ORAL, RAT) >10 G/KG

CAS:1333-86-4

RTECS #:FF58000

00  
Fraction by Wt: 10%  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3

Ingred Name:STYRENE BUTYLACRYLATE COPOLYMER  
CAS:60806-47-5  
Fraction by Wt: >1%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:VENT: RESPONSIBILITY OF EMPLOYER TO CONDUCT AIR MONITORING  
TO ENSURE COMPLIANCE WITH APPLICABLE EXPOSURE LIMITS.  
RTECS #:9999999ZZ

Ingred Name:ING 3: CONTAM LEVELS FOUND IN WORKPLACE, MUST NOT EXCEED  
WORKING LIM OF RESP & BE JOINTLY APPRVD BY NATIONAL (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4: INSTITUTE  
FOR OCCUPATIONAL SAFETY & HEALTH AND MINE  
SAFETY & HEALTH ADMINISTRATION (NIOSH/MSHA). FOR FIRE (ING 6)  
RTECS #:9999999ZZ

Ingred Name:ING 5: FIGHT & OTHER IMMED DANGEROUS TO LIFE/HLTH CNDTNS:  
ANY SCBA THAT HAS FULL FACEPIECE & IS OPERATED IN (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6: PRESS-DEMAND/OTHER POS-PRESS MODE. ANY NIOSH/MSHA  
SUPP-AIR RESP W/FULL FACEPIECE AND OPERATED IN PRESS- (ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: DEMAND/OTHER POS-PRESS MODE IN COMBINATION  
W  
/AUXILIARY SCBA OPERATED IN PRESS-DEMAND/OTHER POS-PRESS MODE.  
RTECS #:9999999ZZ

Ingred Name:VENT: RESPONSIBILITY OF EMPLOYER TO CONDUCT AIR MONITORING  
TO ENSURE COMPLIANCE W/APPLICABLE EXPOSURE LIMITS.  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:SEE INGREDIENT 1  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE/CHRONIC: NO INFORMATION

AVAILABLE ON SIGNIFICANT ADVERSE EFFECTS. TOXICOLOGY INFORMATION:  
CARBON BLACK: LOCAL EFFECTS: IRRITANT - INHALATION, SKIN. ACUTE  
TOXICITY LEVEL: SLIGHTLY TOXIC BY INGESTION. POISONING MAY AFFECT  
THE RESPIRATORY SYSTEM, THE HEART, SKIN & ORAL MUCOSA.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First

First Aid:IT IS UNLIKELY THAT EMERGENCY TREATMENT WILL BE REQUIRED. IF  
ADVERSE EFFECTS OCCUR: INHAL: REMOVE FROM EXPOSURE, TREAT  
SYMPTOMATICALLY & SUPPORTIVELY & GET MED ATTN. SKIN: WASH W/LARGE  
AMOUNTS OF WATER & MILD SOAP & GET MED ATTN. EYES: WASH W/WATER  
OR NORMAL SALINE FOR AT LEAST 15 MINUTES & GET MED ATTN. INGEST:  
TREAT SYMPTOMATICALLY & SUPPORTIVELY & GET MED ATTN.

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

Extinguishing Media:DRY CHEMICAL,  
CARBON DIOXIDE, WATER SPRAY OR  
REGULAR FOAM. FOR LARGER FIRES, USE WATER SPRAY, FOG OR REGULAR  
FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECT EQUIP.  
MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO WITHOUT RISK. DO NOT SCATTER  
SPILLED MATERIAL WITH HIGH-PRESSURE WATER (SUPPRESSANT)

Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT  
OR FLAME. DUST-AIR MIXTURES MAY IGNITE OR EXPLODE.

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

Spill Release

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE CLEAN, DRY  
CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH SPILLED  
MATERIAL INTO SEWER. KEEP UNNECESSARY PEOPLE AWAY. RESIDUE SHOULD  
BE CLEANED UP USING HIGH-EFFICIENCY PARTICULATE FILTER VACUUM.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE ALL FEDERAL, STATE AND LOCAL  
REGULATIONS WHEN STORING THIS SUBSTANCE

E. STORE AWAY FROM  
INCOMPATIBLE SUBSTANCES.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:BASED ON COMPONENTS PRESENT &/OR INFO IN  
PHYSICAL DATA, HLTH EFTS/TOX SECTIONS, NO RESP WOULD BE REQD UNDER  
NORM CNDTNS OF USE. HOWEVER, AIR CONTAM MONITORING SHOULD BE  
CARRIED OUT TO ASSURE EMPLOYEES ARE NOT EXPOS TO HARMFUL CONCS  
(SUPDAT)

Ventilation:DUE TO PACKAGING & QTY OF MATL INVOLVED  
, NO ADDNL VENT  
SHOULD BE REQD UNDER CNDTNS OF NORM USE. IT IS (ING 3)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD SAFETY GLASSES .

Other Protective Equipment:PROTECTIVE CLOTHING NOT REQUIRED UNDER  
NORMAL CONDITIONS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: STREAMS. DIKE FIRE-CTL WATER FOR LATER DISP. USE  
AGENTS SUITABLE FOR TYPE OF SURROUNDING FIRE. AVOID BRTHG HAZ VAPS;  
KEEP UPWIND. RESP PROT: O  
F ANY COMPONENT. IF RESP PROT IS REQD, IT  
MUST BE BASED ON CONTAM LEVELS FOUND IN WORKPLACE, MUST NOT EXCEED  
WORKING LIMS OF RESP & BE NIOSH/MSHA APPRVD.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:140F,60C

Appearance and Odor:BLACK POWDER WITH A SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES  
MAY REACT DANGEROUSLY WITH OXIDIZERS AND OTHER CHEMICALS  
. SEE ICDS FOR  
COMPLETE INFORMATION.

Stability Condition to Avoid:NO DATA AVAILABLE.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE  
TOXIC & HAZARDOUS CHEMICALS, INCLUDING OXIDES OF CARBON &  
UNIDENTIFIED ORGANICS.

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

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS  
WHEN DISPOSING OF THIS SUBSTANCE.

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

T

his 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.