

94423

NFPA
HAZARD RATING:
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

	HEALTH	0
	FIRE	1
	REACTIVITY	0

MATERIAL SAFETY DATA SHEET
MAY BE USED TO COMPLY WITH
OSHA'S HAZARD COMMUNICATION STANDARD,
29 CFR 1910.1200. STANDARD MUST BE
CONSULTED TO SPECIFIC REQUIREMENTS.

USE DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
(NON-MANDATORY FORM)
FORM APPROVED
OMB NO. 1218-0072

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IDENTITY
BLACK DEVELOPER FOR DC-181R,191,312RE,412RE,1824

SECTION I	
MANUFACTURER'S NAME MITA INDUSTRIAL CO., LTD.	EMERGENCY TELEPHONE NUMBER (201)-808-3444
ADDRESS (NUMBER, STREET, STATE, AND ZIP CODE) MITA COPYSTAR AMERICA, INC. 225 SAND ROAD, P.O. BOX 40008 FAIRFIELD, NJ 07004-0008	TELEPHONE NUMBER FOR INFORMATION (201)-808-8444 DATE PREPARED January 11, 1995 SIGNATURE OF PREPARER (OPTIONAL)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	WITHIN 2% (OPTIONAL)
Black Toner for DC-181R				9%
NON HAZARDOUS COMPONENTS				
(CAS NO. 7439-89-6) Iron	N/A	N/A	NONE	91%

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A	SPECIFIC GRAVITY (WATER = 1) (APPARENT DENSITY)	5.01
VAPOR PRESSURE (mm Hg)	N/A	MELTING POINT GREATER THAN - DEGREES CENTIGRACE	N/A
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (BUTYL ACETATE = 1)	N/A

SOLUBILITY IN WATER
INSOLUBLE / NEGLIGIBLE (TOLUENE)

APPEARANCE AND ODOR
FINE BLACK POWDER, PRACTICALLY ODORLESS

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) N/A	FLAMMABLE LIMITS	LEL N/A	UEL N/A
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EXTINGUISHING MEDIA
IF PRODUCT BECOMES INVOLVED IN A FIRE, USE CARBON DIOXIDE EXTINGUISHER.

SPECIAL FIRE FIGHTING PROCEDURES
WATER, FOAM OR DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS
NONE UNDER NORMAL STORAGE AND USE CONDITIONS.

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SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	NONE

INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BY PRODUCTS NONE IN NORMAL HANDLING AND USE.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION?	SKIN?	INGESTION?
	YES	NO	POSSIBLE BUT VERY UNUSUAL

HEALTH HAZARDS (ACUTE AND CHRONIC) MUTAGENICITY IS NEGATIVE.

CARCINOGENICITY:	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
	N/A	N/A	N/A

SIGNS AND SYMPTOMS OF EXPOSURE
MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST.

MEDICAL CONDITIONS
GENERAL AGGRAVATED BY EXPOSURE N/A

EMERGENCY AND FIRST AID PROCEDURES
IF SKIN CONTACT OCCURS, WASH WITH SOAP AND WATER.
IF EYE CONTACT OCCURS, FLUSH THOROUGHLY WITH WATER AND SEEK MEDICAL TREATMENT.
IF INGESTION OCCURS, DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER AND SEEK MEDICAL TREATMENT.
IF INHALATION OCCURS, PROMPTLY REMOVE FROM EXPOSURE TO FRESH AIR AND SEEK MEDICAL TREATMENT.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
CLEAN UP WITH A VACUUM CLEANER.

WASTE DISPOSAL METHOD
DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
CLOSE CAP TIGHTLY AND STORE IN A COOL, DRY AND DARK PLACE.

OTHER PRECAUTIONS
AVOID COMBUSTION

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)
NONE REQUIRED UNDER NORMAL USE.

VENTILATION	LOCAL EXHAUST	SPECIAL
	NONE REQUIRED UNDER NORMAL USE.	NONE REQUIRED UNDER NORMAL USE.
	MECHANICAL (GENERAL)	OTHER
	NONE REQUIRED UNDER NORMAL USE.	NONE REQUIRED UNDER NORMAL USE.

PROTECTIVE GLOVES	EYE PROTECTION
NONE REQUIRED UNDER NORMAL USE.	NONE REQUIRED UNDER NORMAL USE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
GLOVES AND DUST-FILTER RESPIRATOR RECOMMENDED WHEN HANDLING BULK AMOUNTS.

WORK/HYGIENIC PRACTICES
AVOID INHALATION, INGESTION, SKIN OR EYE CONTACT.