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NFPA
HAZARD RATING:

+	HEALTH	0
↓	FIRE	1
⊞	REACTIVITY	0

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

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

1052

IDENTITY BLACK DEVELOPER FOR DC-111,111C,113,114,142RE,1001,1205,1255,1415,1435,1455,2055,2254,2255,2285,2555,
2585,3255,3285,1824RE,1824Z,1824ZII

SECTION I	
MANUFACTURER'S NAME MITA INDUSTRIAL CO., LTD.	EMERGENCY TELEPHONE NUMBER (201)-808-8444
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)
(CAS NO. 1309-37-1) Iron Oxide	10mg/m ³	5mg/m ³	NONE	66%
(CAS NO. 1314-13-2) Zinc Oxide	5mg/m ³	5mg/m ³	NONE	14%
(CAS No. 1305-78-8) Calcium Oxide	5mg/m ³	2mg/m ³ *cubic meter	NONE	1%
Black Toner for DC-111				5%

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NON HAZARDOUS COMPONENTS

(CAS NO. 1317-38-0) Copper Oxide	N/A	N/A	NONE	14%
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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A	SPECIFIC GRAVITY (WATER = 1) (APPARENT DENSITY)	1.85
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.

(REPRODUCE LOCALLY)

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SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID NONE
	STABLE	X	

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 NONE
	WILL NOT OCCUR	X	

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION? YES	SKIN? NO	INGESTION? POSSIBLE BUT VERY UNUSUAL
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HEALTH HAZARDS (ACUTE AND CHRONIC)

MUTAGENICITY IS NEGATIVE.

CARCINOGENICITY:	NTP? N/A	IARC MONOGRAPHS? N/A	OSHA REGULATED? N/A
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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 NONE REQUIRED UNDER NORMAL USE.	SPECIAL NONE REQUIRED UNDER NORMAL USE.
	MECHANICAL (GENERAL) NONE REQUIRED UNDER NORMAL USE.	OTHER NONE REQUIRED UNDER NORMAL USE.

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