

JUL 16 1993

**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

**IDENTITY BLACK TONER FOR DC-3555,3585,3755,3785,4555,4585,4585F,4655,4685,4685F,5685,5690,7085,7090,8585,  
DC-1824F,1824ZS**

<b>SECTION I</b>	
MANUFACTURER'S NAME MITA INDUSTRIAL CO., LTD.	EMERGENCY TELEPHONE NUMBER (201)-808-8444
ADDRESS (NUMBER, STREET, STATE, AND ZIP CODE) MITA COPYSTAR AMERICA, INC.	TELEPHONE NUMBER FOR INFORMATION (201)-808-8444
225 SAND ROAD, P.O. BOX 40008	DATE PREPARED JANUARY 15, 1993
FAIRFIELD, NJ 07004-0008	SIGNATURE OF PREPARER (OPTIONAL)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	OSHA PEL	ACGIH TL	OTHER LIMITS RECOMMENDED	WITHIN 2% (OPTIONAL)
(CAS No. 1333-86-4) Carbon Black	3.5mg/*	3.5mg/*	NONE	9%
(CAS No. 109125-51-1, CAS No. 109125-50-0, CAS No. 84179-66-8) Chromate(1-), bis [3-hydroxy-4- {(2-hydroxy-3,5-dinitrophenyl)azo} -N-phenyl-2-naphthalenecarboxamidato (2-)]-, ammonium, sodium and hydrogen	1.0mg/*	0.5mg/*	NONE	1%
* cubic meter				
<b>NON HAZARDOUS COMPONENTS</b>	N/A FOR FOLLOWING			
(CAS No. 27136-15-8) 2-Propenoic acid, 2-methyl-,methyl ester, polymer with butyl 2-propenoate and ethylbenzene			NONE	86%
(CAS No. 9003-07-0) 1-propene, homopolymer			NONE	2 %
(CAS No. 68611-44-9) Silane, dichlorodimethyl- reaction products with silica			NONE	1 %
(CAS No. 25086-15-1) 2-Propenoic acid, 2-methyl-, polymer with methyl, 2-methyl-2-propenoate			NONE	1 %

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT	N/A	SPECIFIC GRAVITY (WATER = 1) (APPARENT DENSITY)	1.1
VAPOR PRESSURE (mm Hg)	N/A	MELTING POINT GREATER THAN - DEGREES CENTIGRADE	131
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (BUTYL ACETATE = 1)	N/A

**SOLUBILITY IN WATER**  
INSOLUBLE IN WATER/OTHER SOLVENTS (TOLUENE) SOLUBLE.

**APPEARANCE AND ODOR**  
FINE BLACK POWDER, PRACTICALLY ODORLESS

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED) N/A	FLAMABLE LIMITES	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.

**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)  
NONE IN NORMAL HANDLING AND USE.

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.

**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  
NONE REQUIRED UNDER NORMAL USE.

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