




NFPA

HAZARD RATING:

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

	HEALTH	0
	FIRE	1
	REACTIVITY	0

MATERIAL SAFETY DATA SHEETMAY BE USED TO COMPLY WITH
OSHA'S HAZARD COMMUNICATION STANDARD,
29 CFR 1910.1200. STANDARD MUST BE
CONSULTED TO SPECIFIC REQUIREMENTS.**U.S. DEPARTMENT OF LABOR**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
(NON-MANDATORY FORM)
FORM APPROVED
OMB NO. 1218-0072**IDENTITY****BLACK TONER FOR DC-1256,DC-1257,DC-1355,DC-2556,DC-3055,DC-4056,DC-4086****SECTION I****MANUFACTURER'S NAME**

MITA INDUSTRIAL CO., LTD.

EMERGENCY TELEPHONE NUMBER

(973)-808-8444

ADDRESS (NUMBER, STREET, STATE, AND ZIP CODE)

MITA COPYSTAR AMERICA, INC.

TELEPHONE NUMBER FOR INFORMATION

(973)-808-8444

225 SAND ROAD, P.O. BOX 40008

DATE PREPARED

December 17, 1997

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 TLV	OTHER LIMITS RECOMMENDED	WITHIN 2% (OPTIONAL)
(CAS No. 1333-86-4) Carbon Black	3.5mg/*	3.5mg/*	3 mg/m* (Australia NOHSC)	5-10%

* cubic meter

NON HAZARDOUS COMPONENTS

N/A FOR FOLLOWING

(CAS No. 58048-89-8)

Styrene acrylate copolymer

NONE

80-90%

(CAS No. 9003-07-0)

Polypropylene

NONE

1-5%

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	138
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (BUTYL ACETATE = 1)	N/A

SOLUBILITY IN WATER

INSOLUBLE

APPEARANCE AND ODOR

FINE BLACK POWDER, ODORLESS

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	N/A	FLAMMABLE LIMITS	LEL	UEL
			Unknown	Unknown

EXTINGUISHING MEDIAIF PRODUCT BECOMES INVOLVED IN A FIRE, USE CO₂.**SPECIAL FIRE FIGHTING PROCEDURES**

WATER, FOAM OR DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE UNDER NORMAL STORAGE AND USE CONDITIONS.

(REPRODUCE LOCALLY)

OSHA 174, SEPT. 1985

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.

BLACK TONER FOR DC-1256,DC-1257,DC-1355,DC-2556,DC-3055,DC-4056,DC-4086

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.

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

IDENTITY**BLACK DEVELOPER FOR DC-1256,DC-1257,DC-1355,DC-2556,DC-3055,DC-4056,DC-4086**

SECTION I	
MANUFACTURER'S NAME MITA INDUSTRIAL CO., LTD.	EMERGENCY TELEPHONE NUMBER (973)-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 (973)-808-8444 DATE PREPARED December 17, 1997 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/*	5mg/*	5mg/m* (Australia NOHSC)	60-70%
(CAS No. 1314-13-2) Zinc Oxide	15mg/*	10mg/*	10mg/m* (Australia NOHSC)	15-20%
Black Toner for DC-1256		*cubic meter		1-5%
NON HAZARDOUS COMPONENTS				
(CAS NO. 1317-38-0) Copper Oxide	NOT LISTED		NONE	10-15%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A	SPECIFIC GRAVITY (WATER = 1) (APPARENT DENSITY)	1.96
VAPOR PRESSURE (mm Hg)	N/A	MELTING POINT GREATER THAN - DEGREES CENTIGRADE	1300
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (BUTYL ACETATE = 1)	N/A

SOLUBILITY IN WATER

INSOLUBLE

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 MEDIAIF PRODUCT BECOMES INVOLVED IN A FIRE, USE CO₂.**SPECIAL FIRE FIGHTING PROCEDURES**

WATER, FOAM OR DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE UNDER NORMAL STORAGE AND USE CONDITIONS.

(REPRODUCE LOCALLY)

OSHA 174, SEPT. 1985

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.

BLACK DEVELOPER FOR DC-1256,DC-1257,DC-1355,DC-2556,DC-3055,DC-4056,DC-4086

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.

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

IDENTITY

ORGANIC PHOTOCONDUCTOR DRUM FOR DC-1256,DC-1257,1755,1856,2355

SECTION I	
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER
MITA INDUSTRIAL CO., LTD.	(973)-808-8444
ADDRESS (NUMBER, STREET, STATE, AND ZIP CODE)	TELEPHONE NUMBER FOR INFORMATION
MITA COPYSTAR AMERICA, INC.	(973)-808-8444
	DATE PREPARED
225 SAND ROAD, P.O. BOX 40008	December 17, 1997
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 TLV	OTHER LIMITS RECOMMENDED	WITHIN 2% (OPTIONAL)

THE DRUM IS AN "ARTICLE" BY OSHA DEFINITION, NOT A "CHEMICAL".
 IT DOES NOT RELEASE, OR OTHERWISE RESULT IN EXPOSURE TO, ANY
 HAZARDOUS CHEMICALS UNDER NORMAL CONDITIONS OF USE.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A	SPECIFIC GRAVITY (WATER = 1) (APPARENT DENSITY)	1.3
VAPOR PRESSURE (mm Hg)	N/A	MELTING POINT GREATER THAN - DEGREES CENTIGRADE	160
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (BUTYL ACETATE = 1)	N/A

SOLUBILITY IN WATER

NEGLIGIBLE

APPEARANCE AND ODOR

REDDISH BROWN SOLID CYLINDER/ODORLESS

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
N/A		Unknown	Unknown

EXTINGUISHING MEDIA

WATER, FOAM, DRY CHEMICAL, OR CO2.

SPECIAL FIRE FIGHTING PROCEDURES

USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE UNDER NORMAL STORAGE AND USE CONDITIONS.

(REPRODUCE LOCALLY)

OSHA 174, SEPT. 1985

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID NONE
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZERS, ORGANIC SOLVENT.

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?	SKIN?	INGESTION?
	NO	NO	NO

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
NONE.

MEDICAL CONDITIONS
GENERAL AGGRAVATED BY EXPOSURE NONE

EMERGENCY AND FIRST AID PROCEDURES
NONE

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
NO SPECIAL PRECAUTION.

WASTE DISPOSAL METHOD
DISPOSE IN THE SAME WAY AS NONFLAMMABLE WASTE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
STORE IN ITS CONTAINER TO PROTECT AGAINST CHIPPING.

OTHER PRECAUTIONS
NO SPECIAL PRECAUTIONS REQUIRED.

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.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
NONE REQUIRED UNDER NORMAL USE.

WORK/HYGIENIC PRACTICES
NONE REQUIRED UNDER NORMAL USE.