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

0 = INSIGNFICANT



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 TONER FOR	DC-1256,DC-1257,	DC-1355,DC-2556,DC-3055,DC-405	66,DC-4086	
MANUFACTURER'S NAME		ERECCENCY TELEDUONE NURSEE		
MITA INDUSTRIAL CO., LTD.		EMERGENCY TELEPHONE NUMBER (973)-808-8444		
ADDRESS (NUMBER, STREET, STATE, AND	ZIP CODE)	TELEPHONE NUMBER FOR INFORMATION	J	
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 INGREDIEN	ITS/IDENTITY INFORM	IATION		
HAZARDOUS COMPONENTS (SPECIFIC CH	IEMICAL IDENTITY; COMM	MON NAME(S) OSHA PEL ACGIH TLV	OTHER LIMITS RECOMMENDED	WITHIN 2% (OPTIONAL)
(CAS No. 1333-86-4) Carbon Blac	k	3.5mg/* 3.5mg/*	3 mg/m*	5-10%
,	,-	u.d.i.g	(Australia NOHSC)	
			(10000000)	
NON HAZARDOUS COMPONENTS		* cubic meter		
TOTA TIPE AND OUT ON THE TOTAL THE T		N/A FOR FOLLOWING		
(CAS No. 58048-89-8) Styrene acry	late copolymer		NONE	80-90%
(CAS No. 9003-07-0) Polypropyler	ne		NONE	1-5%
SECTION III - PHYSICAL/CHEMICAL C	HARACTERISTICS			
BOILING POINT		SPECIFIC GRAVITY (WATER = 1)	7. S.	2
	N/A	(APPA	ARENT DENSITY)	1.1
VAPOR PRESSURE (mm Hg)		MELTING POINT		
	N/A	GREATER THAN - DEGREES (CENTIGRADE	138
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (BUTYL ACETATE = 1)		
	N/A			N/A
SOLUBILITY IN WATER				
INSOLUBLE				
APPEARANCE AND ODOR				
	WDER, ODORLESS	CONTRACTOR CONTRACTOR ACCORDINATION OF THE CONTRACTOR ACCORDING TO THE CONTRACTOR ACCO		
SECTION IV - FIRE AND EXPLOSION F	IAZARD DATA	Tel attached to the second		
FLASH POINT (METHOD USED)		FLAMMABLE LIMITS		LEL UEL
N/A EXTINGUISHING MEDIA				Unknown Unknown
SPECIAL FIRE FIGHTING PROCEDURES	ECOMES INVOLVED IN	A FIRE, USE CO2.		
	OD DOV OUTNION			
UNUSUAL FIRE AND EXPLOSION HAZARDS	OR DRY CHEMICAL			
		ID USE CONDITIONS		
	NORMAL STORAGE AN	TO USE COMPITIONS.	ACIIA 494 BEST	ange
(REPRODUCE LOCALLY)			OSHA 174, SEPT.	1985

SECTION V - REA	CTIVITY DATA								
STABILITY UNSTABLE			CONDITIONS TO AV						
	STABLE			NONE					
		Х							
INCOMPATIBILITY (MATERIALS TO A	AVOID)	STRONG OXIDIZII	NG AGENT	-s				
HAZARDOUS DECO	MPOSITION OR E	BY PRODUCT	s None in Normai	L HANDLIN	IG AND USE.				
HAZARDOUS	MAY OCCUR		CONDITIONS TO AV	OID					
POLYMERIZATION		ļ							
	WILL NOT OCCUR	X							
SECTION VI - HEA	-I			***************************************					
ROUTE(S) OF ENTR	Y:		INHALATION?	······································	SKIN?	INGESTION?			
<u> </u>			YES		NO	POSSIBLE BUT VERY UNUSUAL			
HEALTH HAZARDS	(ACUTE AND CH	RONIC)	MUTAGENICITY IS	S NEGATIV	/E				
CARCINOGENICITY			NTP?		MONOGRAPHS?	OSHA REGULATED?			
			N/A	<i>D</i>	N/A	N/A			
SIGNS AND SYMPTO		PIRATORY	TRACT IRRITATION	N MAY OCC	CUR AS WITH EX	POSURE TO LARGE AMOUNTS OF ANY			
MEDICAL CONDITION GENERAL AGGRAVI		IIPE	N/A						
	IF EYE CONTAIN IF INGESTION MEDICAL TRE	ACT OCCUR LOCCURS, L EATMENT.	DILUTE STOMACH	UGHLY WI CONTENT	TH WATER AND S WITH SEVERA	SEEK MEDICAL TREATMENT. IL GLASSES OF WATER AND SEEK FRESH AIR AND SEEK MEDICAL TREATMENT.			
SECTION VII - PR	ECAUTIONS FO	OR SAFE HA	NDLING AND USE	MAN ANTONIO MANUAL M	***************************************				
STEPS TO BE TAKE			EASED OR SPILLED UM CLEANER.						
WASTE DISPOSAL I		CCOPDAN	CE WITH LOCAL, S	TATE AND	EEDEBAI DEGII	LATIONS			
PRECAUTIONS TO				,AIC MIND	I LUCIOL NEGO	G 1110110.			
			D STORE IN A COC	DL, DRY AN	ID DARK PLACE.				
OTHER PRECAUT	TIONS								
	AVOID COMB			***************************************		MATERIAL STATE OF THE STATE OF			
SECTION VIII - CC				***************************************					
RESPIRATORY PI	•		PE) R NORMAL USE.						
VENTILATION	LOCAL EXHAUS	ST			SPECIAL				
	NONE REQU	IRED UNDE	R NORMAL USE.		NONE REQUIRED UNDER NORMAL USE.				
	MECHANICAL (GENERAL)			OTHER					
		IRED UNDE	R NORMAL USE.		 	ED UNDER NORMAL USE.			
PROTECTIVE GLOVES				EYE PROTECTION					
OTHER PROTECTIV			R NORMAL USE.		NONE REQUIR	ED UNDER NORMAL USE.			
	GLOVES AND	DUST-FILT	ER RESPIRATOR F	RECOMME	NDED WHEN HAI	NDLING BULK AMOUNTS.			
WORK/HYGIENIC PR	RACTICES								

AVOID INHALATION, INGESTION, SKIN OR EYE CONTACT.

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

OSHA 174, SEPT. 1985



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CONSULTED TO SPECIFIC REQUIREMENTS.

(REPRODUCE LOCALLY)

U.S. DEPARTMENT OF LABOR

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

IDENTITY			·····							
BLACK DEVE	LOPER FOR	DC-1256,DC-125	57,DC-13	55,DC-255	6,DC-3055,DC-4	1056,DC-4086				
SECTION I										
MANUFACTURER'S NAME			EMERGE	NCY TELEPHO	NE NUMBER	***************************************	***************************************			
MITA INDUSTRIAL CO., LTD.	MACHANA PARCONON AND LANGUAGE CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONT			(973)-808-	8444					
ADDRESS (NUMBER, STREET, S	TATE, AND ZIP CO	DE)	TELEPHO	NE NUMBER F	FOR INFORMATION					
MITA COPYSTAR AMERICA,	INC.		DATE PR	(973)-808-8444 DATE PREPARED						
225 SAND ROAD, P.O. BOX 4	8000	01 to 20-12 to 10-12	December 17, 1997							
FAIRFIELD, NJ 07004-0008			SIGNATU	SIGNATURE OF PREPARER (OPTIONAL)						
SECTION II - HAZARDOUS IN	GREDIENTS/IDE	NTITY INFORMATION	ON							
HAZARDOUS COMPONENTS (SF	PECIFIC CHEMICAL	IDENTITY; COMMON I	NAME(S)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED		HIN 2% TONAL)		
(CAS No. 1309-37-1)	Iron Oxide			10mg/*	5mg/*	5mg/m* 60- (Australia NOHSC)		0%		
(CAS No. 1314-13-2)	Zinc Oxide			15mg/"	10mg/*	10mg/m* (Australia NOHSC)	15-20%			
	Black Toner f	or DC-1256			*cubic meter		1-5	5%		
NON HAZARDOUS COMPON	ENTS									
(CAS NO. 1317-38-0)	Copper Oxide	•		NOT	LISTED	NONE	10-1	5%		
SECTION III - PHYSICAL/CHE	MICAL CHARAC	TERISTICS	· · · · · · · · · · · · · · · · · · ·							
BOILING POINT			SPECIFIC	GRAVITY (WA	TER = 1)					
		N/A			(APPAR	ENT DENSITY)	NT DENSITY) 1,96			
VAPOR PRESSURE (mm Hg)			MELTING POINT					1.00		
		N/A	GREATER THAN - DEGREES CENTIGRADE					1300		
VAPOR DENSITY (AIR = 1)	AND CHARLES AND CH		EVAPORATION RATE (BUTYL ACETATE = 1)							
SOLUBILITY IN WATER		N/A	N/A					N/A		
	t leat ev									
APPEARANCE AND ODOR	UBLE			•						
	N ACK POWDER	PRACTICALLY OD	ORLESS							
SECTION IV - FIRE AND EXPI			ONLLOG					·····		
FLASH POINT (METHOD USED)			FLAMMAE	BLE LIMITS			LEL	UEL		
N/A				*			N/A	N/A		
EXTINGUISHING MEDIA						<u></u>	13/74	I IVA		
IF PRO	DUCT BECOMES	S INVOLVED IN A FI	IRE USE	00.						
SPECIAL FIRE FIGHTING PROCE		00-00 11/1/11		2.						
WATE	R, FOAM OR DRY	CHEMICAL			í					
UNUSUAL FIRE AND EXPLOSION					·					
NONE UNDER NORMAL STORAGE AND USE CONDITIONS.										

	····							
SECTION V - REA	CTIVITY DATA					·		
STABILITY	UNSTABLE CONDITIONS TO AVOID							
	STABLE	 	NONE					
		X						
INCOMPATIBILITY (MATERIALS TO A	(VOID)	STRONG OVIDI	プログ みつきりき	·e			
HAZARDOUS DECO	MPOSITION OR F	EV PRODUCT	STRONG OXIDI	ZING AGENT	<u> </u>			
THE TOTAL DECO	MI GOITION ON L	31 11(0200)	NONE IN NORM	IAL HANDLIN	G AND USE.			
HAZARDOUS	MAY OCCUR		CONDITIONS TO A	AVOID				
POLYMERIZATION		-						
	WILL NOT OCCUR	х						
SECTION VI - HEA	ALTH HAZARD	DATA						
ROUTE(S) OF ENTR	Υ:		INHALATION?		SKIN?	INGESTION?		
* 04			YES		NO	POSSIBLE BUT VERY UNUSUAL		
HEALTH HAZARDS	ACUTE AND CH	RONIC)						
		-	MUTAGENICITY	'IS NEGATIV	E.			
CARCINOGENICITY			NTP7	IARC	NONOGRAPHS?	OSHA REGULATED?		
SIGNS AND SYMPTO	DAIS OF EXPOSIT	IDE	N/A		N/A	N/A		
SIGNS AND STAIL TO			TRACT IRRITATION	ON MAY OCC	UR AS WITH EX	XPOSURE TO LARGE AMOUNTS OF ANY		
	NON-TOXIC				· · · · · · · · · · · · · · · · · · ·	A COUNTY OF ANY		
MEDICAL CONDITIO					•			
GENERAL AGGRAVA			N/A					
	MEDICAL TRE IF INHALATIO		PROMPTLY REN	MOVE FROM	EXPOSURE TO	FRESH AIR AND SEEK MEDICAL TREATMENT.		
SECTION VII - PRI	ECAUTIONS FO	OR SAFE HA	NDLING AND US	E				
STEPS TO BE TAKE	N IN CASE MATE	RIAL IS RELE	ASED OR SPILLED)	**************************************			
	CLEAN UP WI	ITH A VACU	UM CLEANER.					
WASTE DISPOSAL N	/IETHOD							
			CE WITH LOCAL,	STATE AND	FEDERAL REGU	JLATIONS.		
PRECAUTIONS TO								
OTHER PRECAUT		IGHTLY ANI	D STORE IN A CO	JOL, DRY AN	D DARK PLACE.			
OTHER PRECAUL	AVOID COMB	HOLLSH						
SECTION VIII - CC			W-1-11-11-1					
)E1	·				
RESPIRATORY PROTECTION (SPECIFY TYPE) NONE REQUIRED UNDER NORMAL USE.								
CORNERS START	T		CHOIM LE COL.					
VENTILATION	NONE DECL		R NORMAL USE.		SPECIAL NONE REQUIR	OED HAIDED MODMAL HOE		
	MECHANICAL (IN NORWAL USE.		OTHER	RED UNDER NORMAL USE.		
	1 '	•	R NORMAL USE.	,	l	RED UNDER NORMAL USE.		
PROTECTIVE GLOVES				EYE PROTECTION				
NONE REQUIRED UNDER NOR			R NORMAL USE.		NONE REQUIF	RED UNDER NORMAL USE.		
OTHER PROTECTIV			ER RESPIRATOR	R RECOMME	NDED WHEN HA	ANDLING BULK AMOUNTS.		
WORK/HYGIENIC PI								
	AVOID INHAI	LATION, ING	SESTION, SKIN O	R EYE CONT	ACT.			

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.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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

IDENTITY	
ORGANIC PHOTOCONDUCTOR DI	RUM FOR DC-1256,DC-1257,1755,1856,2355
SECTION	
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
	SIGNATURE OF PREPARER (OPTIONAL)
FAIRFIELD, NJ 07004-0008	
SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFO	PRMATION
HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; C	OTHER LIMITS WITHIN 2% OMMON NAME(S) OSHA PEL ACGIH TLV RECOMMENDED (OPTIONAL)
HAZAKUOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; C	OMMON NAME(S) OSHA PEL ACGIH TLV RECOMMENDED (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.

BOILING POINT		SPECIFIC GRAVITY (WATER = 1)		
	N/A	(APPARENT DENSITY)		1.3
VAPOR PRESSURE (mm Hg)		MELTING POINT		
	N/A	GREATER THAN - DEGREES CENTIGRADE		160
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (BUTYL ACETATE = 1)		
	N/A]	N/A
SOLUBILITY IN WATER				
NEGLIGIBLE				
APPEARANCE AND ODOR				
REDDISH BROW	N SOLID CYLINDE	R/ODORLESS		
SECTION IV - FIRE AND EXPLOSION HA				
FLASH POINT (METHOD USED)	***************************************	FLAMMABLE LIMITS	LEL	UEL
N/A			Unknown	Unknown
EXTINGUISHING MEDIA			1 GIMIOWIT	Official
WATER, FOAM, I	DRY CHEMICAL, OI	R CO2.		
SPECIAL FIRE FIGHTING PROCEDURES				
USE SELF-CONT	AINED BREATHING	G APPARATUS AND PROTECTIVE CLOTHING.		
UNUSUAL FIRE AND EXPLOSION HAZARDS		THE OLD THE OL	····	
NONE UNDER NO	DRMAL STORAGE	AND USE CONDITIONS.		
(REPRODUCE LOCALLY) OSHA 174			T 1985	*****

010		VIENE STATE OF THE				
SECTION V - REA	CTIVITY DATA					
STABILITY	UNSTABLE	CONDITIONS TO AV	OID			
	STABLE	NONE				
	STABLE	x				
INCOMPATIBILITY (MATERIALS TO AV	OID)				
		STRONG OXIDIZE	ERS, ORGANIC SOLVENT.			
HAZARDOUS DECC	MPOSITION OR BY					
		NONE IN NORMA	L HANDLING AND USE.			
HAZARDOUS	MAY OCCUR	CONDITIONS TO AV	OID			
POLYMERIZATION	WILL NOT	NONE	A STATE OF THE STA	A A A A A A A A A A A A A A A A A A A		
	OCCUR	х				
SECTION VI - HE	ALTH HAZARD D	ATA				
ROUTE(S) OF ENTE	⊋V·	INHALATION?	SKIN?	INGESTION?		
Koorejojo, Eki	***	NO	NO	МО		
HEALTH HAZARDS	(ACUTE AND CHR)	INIC)				
IIIALIII IIALANSO	(AGG 12 AND GING	MUTAGENICITY I	S NEGATIVE.			
CARCINOGENICITY	/• ·	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?		
OF TONIO CENTON	•	N/A	N/A	N/A		
SIGNS AND SYMPT	OMS OF EXPOSUR	F	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE			
JIGHTO AND OTHER	Call Coll	-				
		NONE.				
MEDICAL CONDITI	ONS					
GENERAL AGGRA	VATED BY EXPOSU	RE NONE				
		NONE				
SECTION VII - PR	RECAUTIONS FO	R SAFE HANDLING AND USE				
STEPS TO BE TAK	EN IN CASE MATER	IAL IS RELEASED OR SPILLED				
	NO SPECIAL P					
WASTE DISPOSAL	METHOD					
		HE SAME WAY AS NONFLAM	MABLE WASTE.			
PRECAUTIONS '		HANDLING AND STORING				
		CONTAINER TO PROTECT A	GAINST CHIPPING.			
OTHER PRECAL						
		RECAUTIONS REQUIRED.				
	ONTROL MEASU					
RESPIRATORY	PROTECTION (SF	•				
	NONE REQUIR	ED UNDER NORMAL USE.				
VENTILATION	LOCAL EXHAUS	т	SPECIAL			
		RED UNDER NORMAL USE.		UNDER NORMAL USE.		
	MECHANICAL (G		OTHER			
**************************************		RED UNDER NORMAL USE.		UNDER NORMAL USE.		
PROTECTIVE GLO		DED HADED MODUM HOT		NONE REQUIRED UNDER NORMAL USE.		
OTUEN BOOTEST		RED UNDER NORMAL USE.	I NONE REQUIRED	UNDER NURIMAL USE.		
OTHER PROTECT	IVE CLOTHING OR I	RED UNDER NORMAL USE.				
MOBRIHAGIERIC		THE STREET WORKING GOL.				

NONE REQUIRED UNDER NORMAL USE.