

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : MX-70NTYA/MX-70GTYA/MX-70FTYA (Yellow Toner)

Supplier Identification : Sharp Corporation

22-22 Nagaike-cho, Abeno-ku, Osaka, Japan

Local suppliers are listed below. Please contact the nearest supplier for additional information.

Area	(Country)	(Name and Telephone Number)				
	U.S.A.	Sharp Electronics Corporation				
		Sharp Plaza, Mahwah, NJ				
North		Telephone number for information	: 1-800-237-4277			
America		Emergency telephone number	: 1-800-255-3924			
America	Canada	Sharp Electronics of Canada Ltd.				
		Telephone number for information	: 905-890-2100			
		Emergency telephone number	: 1-800-255-3924			
	Australia	Sharp Corporation of Australia PTY. Ltd.				
Oceania		No1 Huntingwood Drive Huntingwood Blacktown N.S.W.				
		Telephone number for information	: 1300-13-50-22			
	Germany	Sharp Electronics (Europe) GMBH				
		Sonninstrasse 3, 20097 Hamburg				
		Telephone number to access MSDS	: 040-2376-2185			
		For more information	: 040-2376-2613			
	United	Sharp Electronics (U. K.) Ltd.				
	Kingdom	Telephone number for information	: 08705-274-277			
	France	Sharp Electronics France S.A.				
		Telephone number for information	: 01-49-90-34-00			
	Austria	Sharp Electronics GMBH				
Europe		Telephone number for information	: 01-727-19-0			
Luiope	Italy	Sharp Electronics (Italy) S.P.A.				
		Telephone number for information	: 02895951			
	Spain	Sharp Electronics (Espana) S.A.				
		Telephone number for information	: 93-581-97-00			
	Netherlands	Sharp Electronics Benelux B.V.				
		Telephone number for information	: 30-6359500			
	Sweden	Sharp Electronics Nordic AB				
		Telephone number for information	: 08-634-36-00			
	Switzerland	Sharp Electronics(Schweiz)AG				
		Telephone number for information	: 01-846-6111			
Middle	U.A.E.	Sharp Middle East FZE				
East		P.O.Box 17115 Jebel Ali, Dubai				
Lasi		Telephone number for information	: 04-815311			

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance[] Preparation[X]

Ingredient	CAS No.	Proportion	OSHA PEL	ACGIH TLV	MAK-TWA	NOHSC- TWA
Polyester grafted resin	Confidential	40-50%	Not listed	Not listed	Not listed	Not listed
Polyester resin	Confidential	35-45%	Not listed	Not listed	Not listed	Not listed
Organic pigment	Confidential	1-5%	Not listed	Not listed	Not listed	Not listed
Paraffin wax	Confidential	5-10%	Not listed	Not listed	Not listed	Not listed
Amorphous silica	68909-20-6	1-5%	80mg/m ³	2mg/m ³	Not listed	Not listed



Page:2/4 Date Revised : Apr. 8, 2009 Date Issued : Mar. 1, 2006 MSDS No. F-01428

ł	HAZARDS IDENTIFIC	ATION				
	Most Important Hazard	ds and Effe	cts of the Products			
	Human Health Effects	s: There a	re no anticipated carcino	genic effects from exposure based on animal tests		
		perform	ed using toner. When us	I using toner. When used as intended according to instructions, studies do not		
		indicate	any symptoms of fibrosi	s will occur.		
	Environmental Effects	s : Not toxic	to aquatic organisms			
		[Estimate	ated from the other product containing similar material]			
5	Specific hazards :	Dust explos	ion (like most finely divide	ed organic powders)		
I	Directive 1999/45/EC(E	Europe)	: Not classified as dang	erous		
4	FIRST-AID MEASURE	-s				
	Route(s) of Entry : In		Skin?	Ingestion?		
•		Yes	No	Possible but very unusual.		
I	Inhalation : Remove	e to fresh air	. If symptoms occur, con	sult medical personnel.		
				until particle is removed.		
			ur, consult medical perso	•		
			•	utes. If irritation does occur, consult medical personnel.		
			-	f water . If irritation or discomfort does occur, consult		
	-	l personnel.				
	medical	i personnei.				
6	5. FIRE – FIGHTING MEASURES					
			Water CO from and d			
E	Extinguishing Media	:	Water , CO ₂ , foam and d	Iry chemicals		
	Extinguishing Media Special Fire fighting P	: Procedures :	None			
1	Extinguishing Media	: Procedures :	None Toner material, like most	Iry chemicals t finely divided organic powders, may form an explosive		
1	Extinguishing Media Special Fire fighting P	: Procedures :	None			
	Extinguishing Media Special Fire fighting P	: Procedures : Izards :	None Toner material, like most mixture.			
6. <i>/</i>	Extinguishing Media Special Fire fighting P Fire and Explosion Ha	: Procedures : azards : ASE MEASU	None Toner material, like most mixture.			
6. <i>1</i>	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA	: Procedures : Izards : ASE MEASU	None Toner material, like most mixture. JRES			
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau	: brocedures : bzards : ASE MEASU SE MEASU : titions :	None Toner material, like most mixture. JRES None None	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions	: brocedures : bzards : ASE MEASU SE MEASU : titions :	None Toner material, like most mixture. JRES None None Wipe off with paper or clo	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau	: brocedures : bzards : ASE MEASU SE MEASU : titions :	None Toner material, like most mixture. JRES None None Wipe off with paper or clo released. It, like most fi	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning	: crocedures : zards : ASE MEASU SE MEASU : tions : Up :	None Toner material, like most mixture. JRES None None Wipe off with paper or clo	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning	: crocedures : zards : ASE MEASU SE MEASU : tions : Up :	None Toner material, like most mixture. JRES None None Wipe off with paper or clo released. It, like most fi	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning	Procedures : Izards : ASE MEASU Stions : Up : PRAGE	None Toner material, like most mixture. JRES None None Wipe off with paper or clo released. It, like most fi			
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures	rocedures : zards : ASE MEASU tions : Up : PRAGE : None	None Toner material, like most mixture. JRES None None Wipe off with paper or clo released. It, like most fi	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures Precautions	rocedures : zards : ASE MEASU tions : Up : PRAGE : None : None	None Toner material, like most mixture. JRES None None Wipe off with paper or clo released. It, like most fi dust explosion.	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures	Procedures : izards : ASE MEASU SE MEASU : Up : PRAGE : None : None : Use of a c	None Toner material, like most mixture. IRES None None Wipe off with paper or clo released. It, like most fi dust explosion.	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures Precautions Safe Handling Advice	Procedures : izards : ASE MEASU SE MEASU : Up : PRAGE : None : None : Use of a c	None Toner material, like most mixture. IRES None None Wipe off with paper or clo released. It, like most fi dust explosion.	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures Precautions Safe Handling Advice	Procedures : izards : ASE MEASU itions : Up : PRAGE : None : None : Use of a of term expo	None Toner material, like most mixture. IRES None None Wipe off with paper or clo released. It, like most fi dust explosion.	t finely divided organic powders, may form an explosive		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures Precautions Safe Handling Advice Storage Technical Measures	Procedures : zards : ASE MEASU tions : Up : PRAGE : None : None : Use of a o term expo : None	None Toner material, like most mixture. IRES None Wipe off with paper or clo released. It, like most fi dust explosion.	t finely divided organic powders, may form an explosive oth. Do not use vacuum cleaner when a large amount is nely divided organic powders, is capable of creating a ed when handling a large quantity of toner or during long kic dust. Try not to disperse the particles.		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures Precautions Safe Handling Advice	SE MEASU ASE MEASU ASE MEASU Itions : Up : PRAGE : None : Use of a of term expo : None : Keep con	None Toner material, like most mixture. JRES None None Wipe off with paper or clo released. It, like most fi dust explosion. dust mask is recommende osure, as with any non-too tainer closed and Store in	t finely divided organic powders, may form an explosive oth. Do not use vacuum cleaner when a large amount is nely divided organic powders, is capable of creating a ed when handling a large quantity of toner or during long kic dust. Try not to disperse the particles.		
6. /	Extinguishing Media Special Fire fighting P Fire and Explosion Ha ACCIDENTAL RELEA Personal Precautions Environmental Precau Methods for Cleaning HANDLING AND STO Handling Technical Measures Precautions Safe Handling Advice Storage Technical Measures	Srocedures : zards : ASE MEASU itions : Up : PRAGE : None : None : Use of a of term expo : None : Keep con Keep out	None Toner material, like most mixture. IRES None Wipe off with paper or clo released. It, like most fi dust explosion.	t finely divided organic powders, may form an explosive oth. Do not use vacuum cleaner when a large amount is nely divided organic powders, is capable of creating a ed when handling a large quantity of toner or during long kic dust. Try not to disperse the particles.		



8. EXPOSURE CON	ITROLS/PERSONAL PROTECTION				
Engineering Meas	sures Ventilation : Not required under intended use.				
Exposure limit va	lues				
OSHA-PEL(USA)	:15mg/m ³ (Total Dust) ,5mg/m ³ (Respirable Dust)				
ACGIH-TLV(USA)) : 10mg/m ³ (Total Dust) , 3mg/m ³ (Respirable Dust)				
Personal Protective Equipment					
Respiratory Prote	ction : None required when used as intended in Sharp equipment.				
Hand Protection	: None required when used as intended in Sharp equipment.				
Eye Protection	: None required when used as intended in Sharp equipment.				
Skin Protection	: None required when used as intended in Sharp equipment.				
Other Protective E	Equipment : Use of a dust mask and goggles are recommended when handling a large quantity of				
	toner or during long term exposure, as with any non-toxic dust.				
9. PHYSICAL AND	CHEMICAL PROPERTIES				
Appearance Ph	ysical State : Solid Form: Powder Color: Yellow Odor: faint				
Ph	: Not applicable				
Boiling/Melting Po	oint : Not applicable				
Softening Point(°	C) : 100 - 130				
Flash Point(°C)	: Not applicable				
Ignition Point(°C)	: No data				
Explosion Proper	ties : No data				
Density(g/cm ³)	: Approx. 1.1 (bulk density : Approx. 0.4)				
Solubility in water	r : Negligible				
10. STABILITY AND	REACTIVITY				
Stability	: Stable				
Hazardous Reac	tions : Dust explosion, like most finely divided organic powders.				
Conditions to Av	roid : Electric discharge, throwing into fire.				
Materials to Avoi	5				
Hazardous Deco	Hazardous Decomposition Products : CO, CO ₂ and NO _X				
Further Informat	ion : None				
11. TOXICOLOGICA	AL INFORMATION				
Acute Toxicity					
Ingestion(oral)	: LD ₅₀ >2000mg/kg [Estimated from the other product containing similar material]				
Dermal	: LD ₅₀ >2000mg/kg [Estimated from the other product containing similar material]				
Inhalation					
Eye irritation					
Skin irritation	: Not an irritant [Estimated from the other product containing similar material]				
Skin sensitizer					
Mutagenicity	: Negative(Ames Test) [Estimated from the other product containing similar material]				
Carcinogenicity	: <u>NTP?</u> <u>IARC Monographs?</u> <u>OHSA Regulated?</u>				
	No No No				

12. ECOLOGICAL INFORMATION

Ecotoxicity

On available data, toner is not harmful to aquatic organisms [Estimated from the other product containing similar material]



Page:4/4 Date Revised : Apr. 8, 2009 Date Issued : Mar. 1, 2006 MSDS No. F-01428

13. DISPOSAL CONSIDERATIONS				
Waste from residues : Waste	e material may be dumped or incinerated under conditions which meet all federal			
state	and local environmental regulations.			
Contaminated Packaging: Waste may be disposed or incinerated under conditions which meet all federal, st				
and local environmental regulations.				
14. TRANSPORT INFORMATION				
UN Classification : Nor	ne			
Not classified as hazardous for tra	Not classified as hazardous for transport.			
15. REGULATORY INFORMATION				
US Information				
TSCA(Toxic Substances Control Act) :				
All chemical substances in this	All chemical substances in this product comply with all applicable rules or order under TSCA. SARA(Superfund Amendments and Reauthorization Act) Title III			
SARA(Superfund Amendments a				
302 Extreme Hazardous Subst	ance : None			
311/312 Hazard Classification	: None			
EU Information	EU Information			
1999/45/EC and 67/548/EEC				
Symbol & Indication	: Not required			
R-Phrase	: Not required			
76/769/EEC	: All chemical substances in this product comply with all applicable rules or order under 76/769/EEC.			
Australian Information				
Not classified as hazardous a	ccording to criteria of NOHSC.			

16. OTHER INFORMATION

NFPA Rating (USA)	: Health=1 Flammability=1 Reactivity=0
WHMIS Legislation (Canada)	: This product is not a controlled product.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. However, all materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.