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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier : MX-31ATMA / MX-31BTMA / MX-31CTMA / MX-31FTMA / MX-31GTMA / MX-31NTMA

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/ Mixture : Reprographic agents (Magenta Toner)

#### 1.3 Details of the supplier of the safety data sheet

Company / Japan : SHARP Corporation

1 Takumi-cho, Sakai-ku, Sakai-city, Osaka, Japan

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

Area	(Country)	(Local supp	oliers)					
	U.S.A.	Sharp Electronics Corporation						
		100 Paragon Drive, Montvale, Ne	-					
			: 800-237-4277					
North		Emergency telephone number	: 800-255-3924					
America	Canada	Sharp Electronics of Canada Ltd.						
		335 Britannia Road East, Mississ						
		•	: 905-890-2100					
		Emergency telephone number						
	Australia	Sharp Corporation of Australia PTY. Ltd.						
Oceania		2 Julius Avenue North Ryde NSW 2113						
		Telephone number	: 1300-13-50-22					
	France	SHARP Manufacturing France S.A.						
		Route de Bollwiller, 68360 Soultz, Haut Rhin, France						
Europe		-	: +49 40 2376-0					
Europe		Emergency telephone number						
		(from 9:00 to 17:00 CET/CES	•					
			ompliance@sharp.eu					
Middle	U.A.E.	Sharp Middle East FZE						
Faat		P.O.Box 17115 Jebel Ali, Dubai						
East		Telephone number	: 04-8815311					

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### **Classification (GHS)**

Not Classified as hazardous

#### 2.2 Label elements

#### Labelling (GHS)

Hazard symbol	: None
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- Signal word : None
- Hazard statements : None

Precautionary statements : None

#### 2.3 Other hazards

Potential dust explosion hazard.



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#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Chemical Name	CAS-No.	Concentration	
		(%)	
Polyester resin	Confidential	80-90	
Organic pigment	Confidential	1-10	
Paraffin waxes and Hydrocarbon waxes	8002-74-2	1-5	
Amorphous silica	7631-86-9	1-5	

#### **SECTION 4: First aid measures**

4.1 Description of first aid measures.	
If inhaled	: If inhaled, remove to fresh air.
	If not breathing, give artificial respiration.
	If breathing is difficult, give oxygen.
	Get medical attention.
In case of skin contact	: Remove contaminated clothing and shoes.
	Get medical attention if irritation develops and persists.
	Wash clothing before reuse.
	Thoroughly clean shoes before reuse.
In case of eye contact	: If in eyes, rinse well with water.
	Get medical attention if irritation develops and persists.
If swallowed	: If swallowed, get medical attention.
	Rinse mouth thoroughly with water.
4.2 Most important symptoms and effect	ts, both acute and delayed
Risks	: Dust contact with the eyes can lead to mechanical irritation.
4.3 Indication of any immediate medical	l attention and special treatment needed
Treatment	: Treat symptomatically and supportively.
SECTION 5: Firefighting measures	
5.1 Extinguishing media	
Suitable extinguishing media	: Water spray
	Alcohol-resistant foam
	Dry chemical
	Carbon dioxide (CO2)
Unsuitable extinguishing media	: High volume water jet



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5.2 Special hazards arising from the su	ıbstan	ce or mixture
Specific hazards during firefighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion products	:	Carbon oxides
		Nitrogen oxides (NOx)
5.3 Advice for firefighters		
Special protective equipment for firefight	nters:	In the event of fire, wear self-contained breathing apparatus.
		Use personal protective equipment.
SECTION 6: Accidental release mea	asure	S
6.1 Personal precautions, protective ed	quipm	ent and emergency procedures
Personal precautions	:	Use personal protective equipment.
		Follow safe handling advice and personal protective
		equipment recommendations.
6.2 Environmental precautions		
Environmental precautions	:	Discharge into the environment must be avoided.
6.3 Methods and material for containm	ent an	nd cleaning up
Methods for cleaning up	:	Sweep up or vacuum up spillage and collect in suitable
		container for disposal.
		Avoid dispersal of dust in the air (i.e., clearing dust surfaces
		with compressed air).
		Dust deposits should not be allowed to accumulate on
		surfaces, as these may form an explosive mixture if they are
		released into the atmosphere in sufficient concentration.
SECTION 7: Handling and storage		
7.1 Precautions for safe handling		
Technical measures	:	Static electricity may accumulate and ignite suspended dust
		causing an explosion.
		Provide adequate precautions, such as electrical grounding
		and bonding, or inert atmospheres.
Advice on safe handling	:	Do not breathe dust. Do not swallow. Avoid contact with eyes.
J		Handle in accordance with good industrial hygiene and safety
		practice.
		Minimize dust generation and accumulation.
		Keep away from heat and sources of ignition.
		Take care to prevent spills, waste and minimize release to the
		environment.
Hygiene measures	:	When using do not eat, drink or smoke.



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#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage	: Keep tightly closed. Keep in a cool, well-ventilated place.
areas and containers	Be stored in accordance with the particular national regulations.
Advice on common storage	: Do not be stored together with the following product types:
	Strong oxidizing agents
	Organic peroxides
	Explosives
	Gases

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of	Control parameters	Basis
		exposure)		
Amorphous silica	7631-86-9	TWA	80 mg/m3/ (%SiO2)	OSHA PEL
			3 mg/m3	ACGIH TLV

#### 8.2 Exposure controls

#### Engineering measures

Minimize workplace exposure concentrations.

Apply measures to prevent dust explosions.

#### Personal protective equipment

Respiratory protection	:	Not required under intended use
Skin and body protection	:	Not required under intended use
Hand protection	:	Not required under intended use
Eye protection	:	Not required under intended use

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Appearance	: powder
Colour	: Red
Odour	: odourless
Odour Threshold	: No data available
рН	: No data available
Melting point/freezing point	: 100 - 130 °C
Initial boiling point and boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not classified as a flammability hazard



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			02	1
	Upper explosion limit	:	No data available	
	Lower explosion limit	:	No data available	
	Vapour pressure	:	Not applicable	
	Relative vapour density	:	Not applicable	
	Density	:	ca. 1.1 g/cm3	
	Bulk density	:	ca. 0.4 g/cm3	
	Solubility(ies) Water solubility	:	negligible	
	Partition coefficient: n-octanol/water	:	Not applicable	
	Auto-ignition temperature	:	No data available	
	Decomposition temperature	:	No data available	
	Viscosity	:	Not applicable	
9.	2 Other information			
	No data available			

#### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Not classified as a reactivity hazard.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Dust can form an explosive mixture in the air.
		Can react with strong oxidizing agents.

: None known.

#### 10.4 Conditions to avoid

Conditions to avoid

#### 10.5 Incompatible materials

Materials to avoid : Oxidizing agents

#### **10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

#### **SECTION 11: Toxicological information**

11.1	Inf	ormat	ion o	on t	oxi	colo	ogio	cal	eff	ects	

Information on likely routes of exposure	:	Inhalation
		Skin contact
		Ingestion
		Eye contact

#### **Acute Toxicity**

Ingestion(oral)	: LD <sub>50</sub> > 2000mg/kg (Rats)
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Inhalation : LC<sub>50</sub> > 5.0mg/L



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Eye irritation	: Not an irritant (Ral	bb	its)
Skin irritation	: Not an irritant (Ral	bb	its)
Skin sensitizer	: No sensitization		
Mutagenicity	: Negative (Ames T	es	t)
Carcinogenicity			
NTP	: Not listed		
IARC monograph	s: Not listed		
OHSA regulations	s: Not listed		
Chronic Effect	: No data		
SECTION 12: Ecolo	ogical information		
12.1 Ecotoxicity			
Toxicity to fish		:	LC50: > 100 mg/l
			Exposure time: 96 h
Toxicity to daphnia	and other aquatic		EC50: > 100 mg/l
invertebrates			Exposure time: 48 h
Toxicity to algae		:	EC50: > 100 mg/l
			Exposure time: 72 h
12.2 Persistence and	degradability		
No data available			
12.3 Bioaccumulative	e potential		
No data available			
12.4 Mobility in soil			
No data available			
12.5 Other adverse e	ffects		
No data available			
SECTION 13: Dispo	osal consideration	S	
13.1 Waste treatment	t methods		
Product		:	Dispose of it in accordance with local regulations.
Contaminated pacl	kaging	:	Dispose of it as an unused product.
			Empty containers should be taken to an approved waste
			handling site for recycling or disposal.
SECTION 14: Trans	sport information		
14.1 UN number		:	None
14.2 UN proper shipp	bing name	:	None
14.3 Transport hazar	-	:	None
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14.5 Environmental hazards	: None	
14.6 Special precautions for user	: Not applicable	
14.7 Transport in bulk according to Anne	ex II of MARPOL 73/7	8 and the IBC Code
Remarks	: Not applicable for	product as supplied.
SECTION 15: Regulatory information		
15.1 Safety, health and environmental re	gulations/legislation	specific for the substance or mixture
EU Information		
Regulation (EC) No 649/2012 of the Eur	opean Parliament	: Not applicable
and the Council concerning the export a	nd import of	
dangerous chemicals		
REACH - Candidate List of Substances	of Very High	: Not applicable
Concern for Authorisation (Article 59).		
Regulation (EC) No 1005/2009 on subst	ances that deplete	: Not applicable
the ozone layer		
Regulation (EC) No 850/2004 on persist	ent organic pollutants	: Not applicable
US Information		
TSCA (Toxic Substances Control Act) :		
All chemical substances in this product	comply with all application	able rules or order under TSCA.
Canada Information		
WHMIS Legislation : This product is r	not a controlled produc	t
Australian Information		
All ingredients was listed on the Austra	lian inventory of chem	ical substances.
SECTION 16: Other information		
Full text of other abbreviations		
	orioon Conforance of (	Covernmental Industrial Hygiopists

	-	
ACGIH	:	American Conference of Governmental Industrial Hygienists
IARC	:	International Agency for Research on Cancer
OSHA	:	Occupational Safety and Health Administration
PEL	:	Permissible Exposure Limit
TLV	:	Threshold Limit Value
TWA	:	Time Weighted Average
GHS	:	Globally Harmonized System of Classification and Labelling of Chemicals

#### **Further information**

Sources of key data used to compile the Safety Data Sheet:

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European

Chemicals Agency, http://echa.europa.eu/

# SHARP

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