

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard  
29CFR 1910.1200. Standard must be consulted for specific requirements

MINOLTA-QMS, Inc.  
One Magnum Pass  
Mobile, AL 36618

Magenta Toner  
**QUICK IDENTIFIER**  
Common Name: (used on label and list)

HM-70

**SECTION 1 - magicolor 6100 Series**

Manufacturer's Name Hitachi, Ltd. Office Information Products Div  
Address 1-1 Higashitaga-cho 1-chome, TOKYO, JAPAN  
City, State, and ZIP Hitachi-shi, Ibaraki-ken, 316-8502 Japan  
Emergency Telephone No. 1-800-622-5546  
Other Information Calls  
Signature of Person  
Responsible for Preparation (Optional) Date Prepared 5, August, 1999

**SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY**

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No.
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**Ingredients**

Polyester Resin	-	-	-	> 79%	41259-36-3
Polypropylene Wax	-	-	-	0.5-5%	9003-07-0
Organic Boron Compound	-	-	-	0.1-3%	114803-11-1
Organic Pigment	-	-	-	3-10%	980-26-7
Silica	-	-	-	< 3%	68909-20-6

**SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point	N.A. (Not applicable)	Specific Gravity (H <sub>2</sub> O=1)	1.1	Vapor Pressure (mm Hg)	N.A.
	Vapor Density (Air=1)				N.A.
Solubility in Water	Negligible	Reactivity in Water			N.A.
Appearance and Odor	Magenta powder and faint odor	Melting Point			N.A.

**SECTION 4 - FIRE & EXPLOSION DATA**

Flash Point	N.A.	Method Used	Not determined	Flammable Limits in Air % by Volume	LEL Lower N.A.	UEL Upper N.A.
Auto-ignition Temperature	Not determined	Extinguisher Media			Foam, Water, Dry chemical	
Special Fire Fighting Procedures	None					

Keep sources of ignition at a distance.

Unusual Fire and Explosion Hazards Toner is combustible.

Explosive limits of toner particles suspended in air approximately equal to that of coal dust.

**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability Unstable  Conditions  
Stable  to Avoid None

Incompatibility  
(Material to Avoid) None

Hazardous  
Decomposition Products None

Hazardous May Occur  Conditions  
Polymerization Will Not Occur  to Avoid None

**SECTION 6 - HEALTH HAZARDS**

1. Acute None 2. Chronic None

Signs and  
Symptoms of Exposure None

Medical Conditions Generally  
Aggravated by Exposure None

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes  No  I.A.R.C. Monographs Yes  No  OSHA Yes  No

**Emergency and First Aid Procedures**

ROUTES  
OF  
ENTRY

- 1. Inhalation Remove to fresh air. Treat any irritation symptomatically. Call a physician.
- 2. Eyes In case of contact, immediately flush with plenty of low pressure water for at least 15 minutes. Call a physician.
- 3. Skin Wash with soap and running water.
- 4. Ingestion If swallowed, do not induce vomiting. Call a physician.

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage a) Storage: Store container in a dry / cool place.

b) Handling: Open and handle container with care.

Other  
Precautions None

Steps to be Taken in Case  
Material is Released or Spilled Loose toner can be removed using vacuum cleaner.

Residue can be removed with soap and water.

Waste Disposal  
Methods (Consult federal, state, and local regulations) Taking into consideration the local authority regulation, it must undergo a special treatment. e.g. suitable disposal site

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type) None (under normal use)  
Ventilation Local Exhaust None Mechanical (General) None Special None Other None

Protective  
Gloves Not necessary Eye Protection Not necessary

Other Protective  
Clothing or Equipment Not necessary

Work/Hygienic Practices Not necessary

**IMPORTANT**

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so, indicate.

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