

MATERIAL SAFETY DATA SHEET: 1996800901US Date Prepared: July 04, 1996 Date(s) Revised: March 25, 1997 July 01, 2003

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	KONICA TONER	7310	950-735	120g
	KONICA TONER	7410	950-735	120g

Company Name: Konica Business Technologies, USA, Inc. 500 Day Hill Road, Windsor, CT 06095, U.S.A.

 Telephone Number:
 TEL: 860 683 2402 x 2093
 FAX: 860-902-7637

Emergency Telephone Number: CHEMTREC 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	wt.%	
Styrene acrylic resin Carbon black	Trade Secret 1333-86-4	85 - 90 5 - 10	
Polyolefin wax	Trade Secret	1 - 5	
Organic Pigment	Trade Secret	1 - 5	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
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* Fine black powder. Faint odor.	*
*	*
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POTENTIAL HEALTH EFFECTS	

Eye Effects:	None	currently	known.
Skin Effects:	None	currently	known.
Ingestion Effects:	None	currently	known.
Inhalation Effects:			

None currently known. Minimal respiratory tract irritation may occur as with exposure to large amount of any non-toxic dust. Chronic Effects/ Carcinogenicity:

Prolonged inhalation of excessive dusts may cause lung damage. The effect is attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged period. Use of this product, as intended, does not result in inhalation of excessive dust. Carbon black is classified as a group 2B carcinogen (possible human carcinogen) by IARC. However, based on animal testing, it is presumed that there is no association between toner exposure and cancer.

4.	FIRST AID MEAS	URES		
	Eye:	Flush	eyes lightly with plenty of water. If symptoms occur,	
		2	edical attention.	
	Skin:		with water and mild soap.	
	Ingestion:		out mouth with water. Drink one or two glasses of water. mptoms occur, get medical attention.	
	Inhalation:		e victim to fresh air. If symptoms occur, get medical	
	imaiación.	atten		
F				
С	. FIRE FIGHTING Flash Point:	MEASU.	Not applicable.	
	Method Used:		Not applicable.	
	Flammable Limi		LFL 20g/m3.	
	Autoignition		<u> </u>	
	Temperature	e:	Not applicable.	
	Flammability			
	Classifica	tion:	Not applicable.	
	Unusual Fire an	nd		
	Explosion Ha	azard:	Combustible powder. Dusts at sufficient concentrations	
			can form explosive mixtures with air.	
		Media:	Water spray, dry chemical, foam.	
	Fire Fighting:		Wear self-contained breathing apparatus and protective	
			clothing to prevent contact with skin and eyes. If fire is in the machine treat as an electric fire, do not use	
			water or foam.	
	Hazardous Comb	ustion		
	Products:		Carbon monoxide, carbon dioxide, and smoke.	
6	. ACCIDENTAL RE			
	Spill and Leak	-		
			tective equipment (See Section 8). Minimize the release	
			Sweep or vacuum material, place in a bag and hold for se vacuum with HEPA filter. Vacuum should be electrically	
			ed to dissipate static electricity. To avoid dust	
			t sweep dry.	
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7	. HANDLING AND	STORAG	E	
	Handling:	_		
			of children. Try not to disperse the particles. Avoid	
			on of excessive dust and contact with eyes.	
	Prevention of I		nd Explosion: apable of creating a dust explosion. Keep away from	
	heat, sparks			
	Storage:		Lanc.	
Keep container tightly closed. Store in a cool and dry place. Kee				
	from oxidize:			

8. EXPOSURE CONTROLS/PERSONAL PROTECTIO Exposure Standards: INGREDIENTS	ACGIH TLV TWA STEL	OSHA PEL	
Styrene acrylic resin	None established	None established	
Carbon black Polyolefin wax	3.5 mg/m3 None established	3.5 mg/m3 None established	
Organic Pigment	None established	None established	
Respiratory Protection: Not required than in norma	under normal conditions under normal conditions al operating procedures ge spill), goggles and r	. For use other (such as in the	
-	under normal conditions under normal conditions		
<pre>9. PHYSICAL AND CHEMICAL PROPERTIES Appearance: Fine black powder. Odor: Slight mild odor. pH: Not applicable. Vapor Pressure: Not applicable. Vapor Density: Not applicable. Evaporation Rate: Not applicable. Boiling Point: Not applicable. Melting Point: Around 116°C {~241°F}(Softening point). Solubility: Insoluble in water. Specific Gravity: 1.1</pre>			
Incompatibility: Oxi Hazardous Decomposition Products: Can	except above 200°C {392° idizers. rbon monoxide, carbon di ll not occur.		

12. ECOLOGICAL INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS: When disposing of the waste or recovered material, consult federal, state and/or local regulations for the proper disposal method. Do not discard toner cartridges into fireplace or heating stove. 14. TRANSPORT INFORMATION: DOT/TDG CLASS: Not Regulated. 15. REGULATORY INFORMATION: OSHA Hazard Communication Standard, 29CFR 1910.1200: Ingredient carbon black is considered hazardous. CERCLA (Comprehensive Environmental Response Compensation and Liability Act): None. SARA Title III (Superfund Amendments and Reauthorization Act): 302 Extreme Hazardous Substance: None. 311/312 Hazard Categories: None 313 Reportable Ingredients: None. TSCA(Toxic Substance Control Act): All chemical substances in this product comply with all applicable rules or order under TSCA. California Proposition 65: This product contains no chemical substances subject to California Proposition 65. 16. OTHER INFORMATION: HMIS Hazard Rating Health: 1, Flammability: 1, Reactivity: 0 References IARC (1996) IARC Monographs on the Evaluation of the Carcinogenic Risks of Chemicals to Humans, Vol. 65, Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds, Lyon, pp. 149-261 H. Muhle, B. Bellmann, O. Creutzenberg, C. Dasenbrock, H. Ernst, R. Kilpper, J. C. MacKenzie, P. Morrow, U. Mohr, S. Takenaka, and R. Mermelstein (1991) Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats, Fundamental and Applied Toxicology Prepared by Konica Corporation No.26-2 Nishishinjuku 1-chome Shinjuku-ku, Tokyo 163-05, Japan The above information is believed to be accurate and represents the best

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