

Material Safety Data Sheet

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

U.S. Department of Labor
 Occupational Safety and Health
 Administration (Non-Mandatory Form)

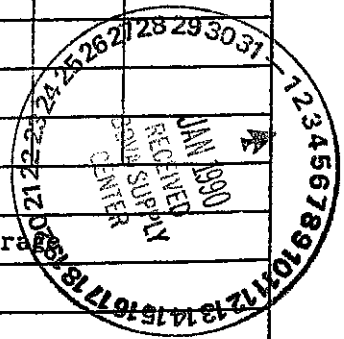
IDENTITY (As Used on Label and List) DEVELOPER FOR SAVIN 7250/7400/7120/ 7500 (BLACK)	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section 1

Manufacturer's Name Ricoh Company, Ltd.	Emergency Tel Michael W. Sarashin (201) 882-5231
	Tel. No. for information Ditto
	Date Prepared May 20, 1987
	Date Revised Nov. 24, 1987
Address 1-3-6, Nakagome, Ohta-ku, Tokyo, Japan	

Section II - Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity; Common Name(s))							
Ingredients	Contents (%)	ACGIH			Carcinogens		
		TLV	Hazardous Chemical		OSHA	NTP	IARC
Carbon black (CAS# 1333-86-4)	1	3.5mg/m ³ ☆	○	○	X	X	X
Styrene, acrylic polymer (CAS# Confidential)	3	X	X	X	X	X	X
Dye (CAS# Confidential)	1	X	X	X	X	X	X
Ferrite powder (CAS# Confidential)	97	X	X	X	X	X	X
Note: X.....Not listed, O.....listed ☆...Time weighted average							



Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O=1) Bulk density	1.97
Vapor Pressure (mmHg.)	N/A	Melting Point	No data
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water Negligible: Less than 0.1%			
Appearance and Odor Black powder, odorless			

Section IV - Fire and Explosion Hazard Data

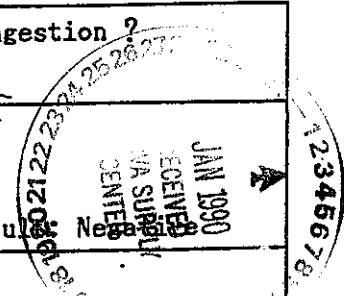
Flash Point (Method used)	N/A	Flammable limits(%)	N/A	LEL	UEL
Extinguishing Media Foam, water spray(fog), dry chemical or carbon dioxide may be suitable.					
Special Fire Fighting Procedures No special fire fighting procedure is necessary.					
Unusual Fire and Explosion Hazards Will not occur.					

Section V - Reactivity Data

Stability	Unstable		Condition to Avoid
	Stable	X	N/A
Incompatibility (Materials to Avoid) None			
Hazardous	May Occur		Condition to Avoid
Polymerization	Will Not Occur	X	N/A
Hazardous Decomposition or Byproduct Carbon monoxide and other decomposition product in case of incomplete combustion.			

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation ?	Skin ?	Ingestion ?
	X		
Health Hazards (Acute and Chronic) Acute oral toxicity: Greater than 10g/kg bodyweight Skin irritation (rabbit) : Mildly irritating Ames test result: Negative			
Carcinogenicity: NTP ?, IARC Monograph ?, OSHA Regulated ? See Section II			



Signs and Symptoms of Exposure

None under normal use condition

Medical Conditions Generally Aggravated by Exposure

Will not occur.

Emergency and First Aid Procedures

Contact with skin: Wash thoroughly with soap and water.

Eye contact : Try to remove or flush out with eye drops.

If unsuccessful, get medical attention.

Section VII-Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

If spilled, sweep up or pick up by vacuum cleaner.

Remove residue with soap and cold water.

Waste Disposal Method

Used developer should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Do not incinerate.

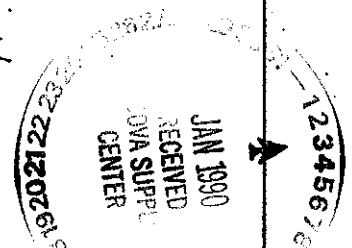
Precautions to Be Taken in Handling and Storing

Store in cool and dry place. Keep out of reach of children.

Other Precautions

Do not handle in areas where wind blows. Flying powder may enter eyes.

Minimize inhalation of dust.



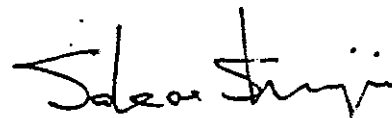
Section VII - Control Measures

Respiratory Protection (Specify Type)		
None needed under normal use condition		
Ventillation	Local Exhaust	Special
	None needed under normal use condition	None needed
	Mechanical (General)	Other
	Adequate ventilation	None needed
Protective Gloves		Eye Protection
None needed under normal use condition		None needed
Other Protective Clothing or Equipment		
None needed		
Work/Hygiene Practices		
Minimize breathing dust. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of work period.		

Page(4) DEVELOPER FOR SAVIN 7250/7400/7120/7500 (BLACK)

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The information and recommendations are offered for the user's consideration and examination, and it is user's responsibility to satisfy itself that they are suitable and complete for its particular use.



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