

Section I. General Information

MSDS Identifier Code

Supplier ID: Ricoh Product Code: 7200-06

Identity: 5020/7020 Developer - Savin

Manufacturer's Name and Address:
Ricoh Corporation
5 Dedrick Place
West Caldwell, NJ 07006

Distributor's Name and Address:
Savin Corporation
P.O. Box 10270
Stamford, CT 06904

Emergency Telephone Number: (800) 336-6737

Telephone Number for Information: (201) 882-2000, (800) 336-6737

Synonyms & Common Names: 5020/7020 Developer - Savin

Uses: Savin 5015/5020, 7025/7020/7035/7045/7055

Chemical Formula: Mixture

Registry numbers

CAS Number: 0-00-0

RTECS Number: N/App

Date Prepared: 09/27/90 Filed/Prepared By: Kristina Sage



Section II. Hazardous Ingredients/Identity Information

Composition

Component	%	CAS #	OSHA Pel	ACGIH TLV
Ferrite Powder	<97.0	1313-99-1	N/App	N/App
Ferrite Powder	<97.0	1314-13-2	N/App	N/App
Ferrite Powder	<97.0	1317-38-0	N/App	N/App
Ferrite Powder	<97.0	1317-60-8	N/App	N/App
Styrene Acrylic Polymer	<03.0	26655-10-7	N/App	N/App
Styrene Acrylic Polymer	<03.0	25213-39-2	N/App	N/App
*Carbon Black	<03.0	1333-86-4	3.5mg/m3	3.5mg/m3
Dye	<03.0	84170-66-8	N/App	N/App
Dye	<03.0	109125-50-0	N/App	N/App
Dye	<03.0	109125-51-1	N/App	N/App

*Carbon black is listed on the IARC Mono-graph and the Massachusetts Substance List. The IARC has evaluated the evidence for the carcinogenicity of Carbon Black as inadequate to determine a carcinogenic risk for

humans. - -
THIS PRODUCT IS NON-HAZARDOUS - -

Exposure Limits (TLV/PEL)
OSHA: See data above
NIOSH: Not applicable
ACGIH: See data above
State: Not applicable
Other: None

Section III. Physical/Chemical Characteristics

Boiling Point: Not applicable Specific Gravity: 1.97
Vapor Pressure: Not applicable % Volatile by Volume: Not applicable
Melting Point: 80C or higher Vapor Density (Air=1): Not applicable
Evaporation Rate (n-BuAc=1): Not applicable

Solubility in Water: Negligible: Less than 0.1%

Appearance and Odor: Black powder, with slight plastic odor

Section IV. Fire and Explosion Hazard Data

Flash Point and Method: Not applicable

Explosive Limits: LEL N/App UEL N/App
Comments: None

Extinguishing Media: CO2, dry chemicals, foam or water

Special Fire-Fighting Procedures: No special fire-fighting procedure is necessary.

Unusual Fire and Explosion Hazards: Will not occur

Section V. Reactivity Data

Stability: Stable
Conditions to Avoid: Not applicable

Incompatibility (Materials to Avoid): Not applicable

Hazardous Decomposition or Byproducts: Carbon monoxide and other decomposition products in the case of combustion.

Hazardous Polymerization: Will not Occur
Conditions to Avoid: None

Section VI. Health and Hazard Data

Routes of Entry: Eyes, inhalation, ingestion.

Health Hazards of Short-Term exposure (Acute)

Eyes: May cause temporary eye discomfort.

Skin: May cause slight irritation on prolonged and repeated contact with skin.

Inhalation: Gasping

Ingestion: Greater than 5g/kg bodyweight, practically non-toxic.

Health Hazards of Long-Term exposure (Chronic): Not applicable

Carcinogenicity: This product contains carbon black. The IARC has evaluated the evidence for the carcinogenicity of carbon black as inadequate to determine a carcinogenic risk for humans. Carbon black is not listed on the latest NTP Annual Report or OSHA Listing as a carcinogen.

NTP? No IARC Monographs? Yes OSHA Regulated? No

Signs and Symptoms of Exposure: Not applicable

Medical Conditions Generally Aggravated by Exposure: Not applicable

Emergency and First Aid Procedures

First Aid

Eyes: Try to remove or flush with eye drops. If unsuccessful, get medical attention.

Skin: Wash thoroughly with soap and water.

Inhalation: Remove from exposure

Ingestion: Dilute stomach contents with several glasses of water.

Additional Information: Ames test result: Negative

Section VII. Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: If spilled, sweep up using an approved toner vacuum cleaner with a .5 micron filter such as the Atrix AAA Toner Vacuum Cleaner (Ricoh EDP Code 342MIU). Use of a vacuum cleaner not rated for toner particulate could be a potential fire hazard and/or result in personal injury. Remove residue with soap and water.

Waste Disposal Method: Used developer should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Disposal regulations vary from locality to locality, therefore, consult with your local office of the EPA to determine proper method of disposal. Do not incinerate.

Precautions to Be Taken in Handling and Storing: Cleanse skin thoroughly after contact, before breaks and meals, and at the end of work periods. Keep out of reach of children.

Other Precautions: None

Section VIII. Control Measures

Respiratory Protection: None required under normal conditions of use.

Ventilation

Local Exhaust: None required under normal conditions of use.

Special: None

Mechanical (general): Adequate ventilation

Other: None

Protective Gloves: None required under normal conditions of use.

Eye Protection: None required under normal conditions of use.

Other Protective Clothing or Equipment: None required under normal conditions of use.

Work and Hygenic Practices: Cleanse skin thoroughly after contact, before breaks and meals, and at the end of work periods.