
Section I. General Information

MSDS Identifier Code

Supplier ID: Ricoh Product Code: 54429101

Identity: Ricoh Drum Setting Powder

Manufacturer's Name and Address:

Ricoch Corporation
5 Dedrick Place
West Caldwell, NJ 07006

Emergency Telephone Number: (800) 336-6737

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

Synonyms & Common Names: Ricoh Drum Setting Powder

Chemical Formula: Polyvinylidene fluoride

Registry numbers

CAS Number: 24973-79-9

RTECS Number: N/App

Prepared: 12/18/92 Filed/Prepared By: Ricoh CQA/EA Division

Section II. Hazardous Ingredients/Identity Information

Composition

Component	%	CAS #	OSHA Pel	ACGIH TLV
THIS PRODUCT IS NON-HAZARDOUS	-	-	-	-
Polyvinylidene fluoride	100%	24937-79-9	N/App	N/App
This chemical complies with the United States TSCA.	-	-	-	-

Exposure Limits (TLV/PEL)

OSHA: Not applicable
NIOSH: Not applicable
ACGIH: Not applicable
State: Not applicable
Other: None

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Section III. Physical/Chemical Characteristics

Boiling Point: Not applicable Specific Gravity: 1.75-1.78
Vapor Pressure: Not applicable % Volatile by Volume: Not applicable
Melting Point: No data Vapor Density (Air=1): Not applicable
Evaporation Rate (n-BuAc=1): Not applicable

Solubility in Water: Negligible: Less than 0.1%

Appearance and Odor: White powder, no odor.

Section IV. Fire and Explosion Hazard Data

Flash Point and Method: Not applicable

Explosive Limits: LEL N/App UEL N/App
Comments: Not applicable

Extinguishing Media: Foam, water spray (mist), dry chemicals, or carbon dioxide.

Special Fire-Fighting Procedures: Hazardous fumes are released when substance burns. Do not inhale fumes. Use supplied air breathing equipment in confined areas.

Unusual Fire and Explosion Hazards: Will not occur.

Section V. Reactivity Data

Stability: Stable
Conditions to Avoid: None

Incompatibility (Materials to Avoid): Not applicable

Hazardous Decomposition or Byproducts: Hydrogen fluoride gas released by fire.

Hazardous Polymerization: Will not Occur
Conditions to Avoid: Not applicable

Section VI. Health and Hazard Data

Routes of Entry: Inhalation

Health Hazards of Short-Term exposure (Acute)

Eyes: Not applicable

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Skin: Not applicable

Inhalation: No toxic effects will be observed.

Ingestion: Not applicable

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

Carcinogenicity: Not applicable

NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: None under normal conditions of use.

Medical Conditions Generally Aggravated by Exposure: Will not occur.

Emergency and First Aid Procedures

First Aid

Eyes: Not applicable

Skin: Not applicable

Inhalation: If exposed to large amounts or for prolonged period, remove to fresh air.

Ingestion: Not applicable

Additional Information: None

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 using an approved toner vacuum with a .5 micron filter such as the Atrix AAA Toner Vacuum (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: Assure conformity with applicable governmental regulations. Disposal regulations vary from locality to locality, therefore, consult your local office of the EPA to determine proper method of disposal. Do not incinerate.

Precautions to Be Taken in Handling and Storing: Store in a cool, dry place. Keep out of reach of children. Keep sealed in an airtight package.

Other Precautions: None

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Section VIII. Control Measures

Respiratory Protection: None needed under normal conditions of use.

Ventilation

Local Exhaust: None needed under normal conditions of use.

Special: None

Mechanical (general): Adequate ventilation

Other: None

Protective Gloves: Use cotton gloves when handling.

Eye Protection: None needed under normal conditions of use.

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

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