



40 Boroline Road Allendale, NJ 07401

www.mediasciences.com

## Material Safety Data Sheet

1235, 2135 Toner Cartridges

Date prepared: 04.07.2004

### Section 1: Chemical Product and Company Information

**Manufacturer:**

Media Sciences, Incorporated  
40 Boroline Road  
Allendale, New Jersey 07401  
Phone: 888.376.8348  
Fax: 201.236.5986

**Product Name:**

Black Toner Cartridge  
Cyan Toner Cartridge  
Yellow Toner Cartridge  
Magenta Toner Cartridge

**Part Number:**

MSTC1235K; MSTC2135K  
MSTC1235C; MSTC2135C  
MSTC1235Y; MSTC1235Y  
MSTC1235M; MSTC2135M

### Section 2: Product Use

Toner Cartridges for Laser Color Printer Models: Xerox® Phaser® 1235, 2135.

### Section 3: Chemical Composition

Mixture of: Amorphous Silica, CAS# 7631-86-9, CAS# 1333-86-4, ACGIH TLV, OSHA TWA, NIOSH TWA, Carbon black or non-hazardous color pigments. Exact formula withheld as trade secret.

### Section 4: Hazards Identification and First Aid Measures

**Potential Health Effects:**

Toner and developer powders are encased in a cartridge. Minimal exposure through inhalation or skin contact is expected when used as intended. Potential health effects are expected to be negligible and there are no known medical conditions that are aggravated by exposure to this product. There are no known chronic effects. Sign of exposure is minor irritation to respiratory tract.

- a. Dust Inhalation: Remove person from exposure and provide fresh air. Seek medical attention if symptoms occur.
- b. Eye Contact: If particles get into eye, flush thoroughly with water. Seek medical attention if symptoms occur.
- c. Skin Contact: Wash thoroughly with soap and water. Seek medical attention if symptoms occur.
- d. Ingestion: Seek medical attention.

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### Section 5: Combustion

- a. Flash point: Not applicable
- b. Fire and Explosion Hazards: Toner is a combustible powder. Like most organic powders, it can form explosive mixtures when dispersed in air. Upper and lower explosive limits unknown.
- c. Extinguishing media: Water, dry chemicals, carbon dioxide, foam.
- d. Fire Fighting Instructions: Avoid inhalation of smoke. As for any fire, wear protective clothing and self-contained breathing apparatus.
- e. Hazardous Combustion Products: Carbon monoxide, carbon dioxide, nitrogen oxides

### Section 6: Accidental Release Measures

- a. If toner spillage should result from container breakage, remove all sources of ignition from the immediate area. For a small spill, sweep up or soak up with damp cloth. Do not use vacuum unless the motor is rated as dust tight. For large spills, wear proper protective equipment and place waste material in closed container.
- b. Do not use metal containers for collection and ensure containers are closed for storage and disposal.
- c. Dispose in accordance with federal, state and local regulations.

### Section 7: Handling and Storage

- a. Avoid storage under high temperature.
- b. Do not incinerate toner or a toner cartridge. Do not disassemble a cartridge.
- c. Keep in a cool, dry and well-ventilated area. Keep out of reach of children.

### Section 8: Chemical and Physical Properties

- a. Appearance/Odor: Black, cyan, magenta or yellow powders/faint odor
- b. Boiling Point: Not available
- c. Solubility in Water: Insoluble
- d. Evaporation Rate: Not available
- e. Vapor Density: Not available
- f. Melting Point: 105 to 115° C (221 to 239° F)
- g. Specific Gravity: 1.2 at 20° C (68° F)
- h. Vapor Pressure: Not available

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### Section 9: Stability and Reactivity

- a. Flash Point: Not applicable
- b. Explosion Limit: Not available
- c. Flammability: Not flammable under conditions of use
- d. Spontaneous Combustibility/Reactivity with water: None
- e. Self-reactivity/Explosive: None
- f. Dust Explosive: Like most organic materials in powder form, it can form explosive mixtures when dispersed in air.
- g. Stability and Reactivity: Stable
- h. Incompatibility with Other Materials: Not available
- i. Hazardous Polymerization: Will not occur
- j. Hazardous Decomposition Products: Thermal decomposition may result in release of oxides of carbon and nitrogen.
- k. Conditions to Avoid: Avoid excess heat and all sources of ignition.

### Section 10: Health Information

- a. Carbon Black:
  - IARC: Monograph 65, 1996; Group 2B "Possible Carcinogen"
  - ACGIH: A4, not classified as human carcinogen
  - NIOSH: Occupational carcinogen
- b. Amorphous Silica:
  - IARC: Monograph 68, 1997; Group 3 "Not Classified"

### Section 11: Disposal Considerations

Prevent release of materials into natural waters and sewers. Dispose of according to local authority regulations. It is declared non-hazardous under RCRA. Do not dispose of as general public refuse.

### Section 12: Transportation Information

This product is not declared dangerous nor is it classified under D.O.T. Regulations.

### Section 13: Regulatory Information

Certain U.S. state regulations and stipulations may apply. This data is not listed here. For further information, please contact your supplier.



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### Section 14: Disclaimer

This is the current status as known by Media Sciences, Inc. at the time of manufacture/printing. This is believed to be accurate but no warranty with respect to accuracy or completion is implied or intended. Interpretation of the above supplied information is left solely to the final user.

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