

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.

000284

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

MT-TONER II EP450/450Z

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.

Section I (8915-743)

Manufacturer's Name

MINOLTA CORPORATION, U.S.A.

Emergency Telephone Number

CONTACT YOUR REGIONAL POISON CONTROL

Address (Number, Street, City, State, and ZIP Code)

101 WILLIAMS DRIVE

Telephone Number for Information

CENTER OR JAPAN PHONE #06-271-2251

RAMSEY, NEW JERSEY 07446

Date Prepared

AUGUST 10, 1987

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Styrene methacrylate copolymer				> 85
Carbon black (1333-86-4)				4
Pigment				5
Copper oxide				6

ACGIH TLV: 10mg/m³ (Total Dust)

OSHA PEL: 15mg/m³ (Total Dust)

Section III — Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H ₂ O = 1)	1.2
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.

Solubility in Water Negligible

Appearance and Odor Black - powder/faint odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N.A.	Flammable Limits	LEL N.A.	UEL N.A.
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Extinguishing Media Water, Foam, Dry Chemical

Special Fire Fighting Procedures Avoid inhalation of smoke.

Unusual Fire and Explosion Hazards Toner is a combustible powder. When dispersed in air, it forms explosive mixtures.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts Do Not Burn. Avoid Breathing of Smoke.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Possible Skin? Norm. not possible Ingestion? Norm. not possible

Health Hazards (Acute and Chronic)
Oral LD50: >5g/Kg (Rats) Practically non-toxic
Inhalation LC50: >5mg/l (Rats) Practically non-toxic
Skin Irritation: (Rabbits) Non-irritating

Carcinogenicity: NTP? Not Listed IARC Monographs? Not Listed OSHA Regulated? Not Listed

Mutagenicity: No mutagenicity detected in Ames Assay

Signs and Symptoms of Exposure
Minimal respiratory tract irritation may occur as
with exposure to large amounts of any non-toxic dust

Medical Conditions
 Generally Aggravated by Exposure Same as normal dust, may cough and raise the phlegm
by the inhalation

Emergency and First Aid Procedures Wash with soap and water

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled If spilled, sweep up or vacuum.

Waste Disposal Method No special techniques beyond normal practice. Insure
conformity with federal, state or local regulations.

Precautions to Be Taken in Handling and Storing None

Other Precautions None

Section VIII — Control Measures

Respiratory Protection (Specify Type) Not required when used as intended in Minolta equip.

Ventilation	Local Exhaust	<u>N.A.</u>	Special	<u>N.A.</u>
	Mechanical (General)	<u>N.A.</u>	Other	<u>N.A.</u>

Protective Gloves Not required Eye Protection Not required

Other Protective Clothing or Equipment For use other than normal customer, use of goggles

Work/Hygenic Practices None may be required