

000281

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)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

MT-TONER II EP470Z (8916-102)

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

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/m ³ (Total Dust)				
OSHA PEL: 15mg/m ³ (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
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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
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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	N.A.	Special	N.A.
	Mechanical (General)	N.A.	Other	N.A.

Protective Gloves

Not required

Eye Protection

Not required

Other Protective Clothing or Equipment

For use other than normal customer, use of goggles

Work/Hygienic Practices

None

may be required