

200285

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-STARTER 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 (8915-732)

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)
Carrier				90
Styrene butylacrylate copolymer				
Iron oxide (1317-61-9)				
Toner				10
Styrene methacrylate copolymer				
Carbon black (1333-86-4)				
Pigment, Copper oxide				
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 (H₂O = 1)	2.3
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.
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? Skin? Ingestion?
 Possible Norm. not possible 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? IARC Monographs? OSHA Regulated?
 Not Listed Not Listed 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	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