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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) 53011, 530R, 530R11
MT-Starter/EP300, 300RE, 310, 320, 520, 530,

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 CORP. 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 MAY 15, 1986
	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				
	ACGIH TLV: 10mg/m ³ (Total Dust)			
	OSHA PEL: 15mg/m ³ (Total Dust)			

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Section III — Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H ₂ O = 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.			

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts Products of combustion are toxic. 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? X Possible Skin? X Normally not possible Ingestion? X Normally 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 equipment.

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 and respirators may be required.