

000286

**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)**  
 PHOTOCONDUCTOR 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 (0723-0102-01)**

<b>Manufacturer's Name</b> MINOLTA CORPORATION	<b>Emergency Telephone Number</b> CONTACT YOUR REGIONAL POISON CONTROL
<b>Address (Number, Street, City, State, and ZIP Code)</b> 101 WILLIAMS DRIVE	<b>Telephone Number for Information</b> CENTER OR JAPAN PHONE #06-271-2251
<b>RAMSEY, NEW JERSEY 07446</b>	<b>Date Prepared</b> AUGUST 10, 1987
	<b>Signature of Preparer (optional)</b>

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Substrate				>98
Aluminum				
Coating Layer				< 2
Binder Resin				
Cadmium Sulfide				
Cadmium Compounds	0.2mg/m <sup>3</sup>	0.05mg/m <sup>3</sup>		

**Section III — Physical/Chemical Characteristics**

<b>Boiling Point</b>	N.A.	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	N.A.
<b>Vapor Pressure (mm Hg.)</b>	N.A.	<b>Melting Point</b>	N.A.
<b>Vapor Density (AIR = 1)</b>	N.A.	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N.A.
<b>Solubility in Water</b>	Negligible		
<b>Appearance and Odor</b>	Yellow-brown coated metal, cylinder, odorless		

**Section IV — Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b>	N.A.	<b>Flammable Limits</b>	LEL N.A.	UEL N.A.
<b>Extinguishing Media</b>	Foam, Dry Chemical			
<b>Special Fire Fighting Procedures</b>	When in a machine, treat as an electrical fire.			
<b>Unusual Fire and Explosion Hazards</b>	Exposure to high temperatures can result in melting and pyrolysis. Fumes may cause respiratory symptoms. Delayed effects may occur up to 72 hours.			

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) Strong acid and oxidizing materials.

Hazardous Decomposition or Byproducts Oxides of cadmium and sulfide.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI — Health Hazard Data**

Route(s) of Entry: Inhalation? N.A. Skin? Possible Ingestion? N.A.

Health Hazards (Acute and Chronic) Cadmium has been overcoated by polymer. Machine emission testing indicated this material is not released during machine operation.

Carcinogenicity: NTP? Described B IARC Monographs? Described 2B OSHA Regulated? No Description

Mutagenicity: No mutagenicity detected in Ames Assay

Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure Unknown

Emergency and First Aid Procedures Flush with water

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled Particles of coating detached through physical damage must be collected and disposed of as a chemical waste.

Waste Disposal Method Return used or damaged drum to Minolta or supplier.

However, disposal in a chemical waste landfill is

Precautions to Be Taken in Handling and Storing recommended. Insure conformity with Federal, state and local regulations.

Other Precautions Avoid exposure to high temperature. Must not hurt the surface.

**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 N.A. Eye Protection N.A.

Other Protective Clothing or Equipment Not Required

Work/Hygenic Practices Not required