

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29CFR 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)

Se Drum for copier(SD-60S, SD-61M, SD-80HA, SD-81S, SD-82L, SD-83L,
 SD-84HA, SD-86L, SD-88L, SD-100HA, SD-101L, SD-130CA,
 SD-130EL, SD-130NB, SD-130RA)

Section I

Manufacturer's Name Toshiba Corporation Yanagicho Works	Emergency Telephone Number
Address (Number, City, State, and ZIP Code) 70, Yanagi-cho, Saiwai-ku, Kawasaki-shi, 210 Japan	Telephone Number for Information 044-548-5600
	Date Prepared August 7, 1990
	Signature of Preparer (Optional) Hideo Kikuno

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	%
Selenium (Se)	7782-49-2	0.2mg/m3	0.2mg/m3	95
Tellurium (Te)	13494-80-9	0.1mg/m3	0.1mg/m3	4
Vitreous selenium-tellurium alloy is coated thinly and fixedly on an Aluminum drum.				
Aluminium	7429-90-5	Not listed	Not listed	

Section - III - Physical/Chemical Characterstics (as Se)

Boiling Point	n.a.	Specific Gravity(H ₂ O=1)	n.a.
Vapor pressure (mmHg.)	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	Solid surface, metallic color, odorless.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	n.a.	Flammable Limits	n.a.	LEL	UEL
Extinguishing Media	n.a.				

Special Fire Fighting Procedures

No special extinguishing media is required.

Unusual Fire and Explosion Hazards

This materials has not unusual fire and explosion hazards.

Section V - Reactivity Data

Stability	Unstable		Condition to Avoid
	Stable	x	
Incompatibility (Materials to Avoid)			Strong acid
Hazardous Decomposition or Byproducts			Oxide of Selenium alloy.
Hazardous Polymerization	May Occur		Condition to Avoid
	Will Not Occur	x	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation ? No	Skin ? Yes	Ingestion ? Possible but very unusually
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Health Hazards (Acute and Chronic)

LD50 value as colloidal Se is about 6mg/kg.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

n.a. in normal use.

Medical Conditions

Generally Aggravated by Exposure

n.a.

Emergency and First Aid Procedures

n.a. in normal use.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

n.a. in normal use.

Waste Disposal Method

Dispose it according to local regulation.

Precautions to Be Taken in Handling and Storing

Avoid direct heat flames and strong acids.
Toxic fumes can be formed if drums are exposed to fire
for sustained periods.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

n.a.

Ventilation	Local Exhaust	Not needed	Special	Not needed
	Mechanical (General)		Other	Not needed
Protective Gloves	Not needed		Eye Protection	Not needed

Other Protective Clothing or Equipment

None required under normal use.

Work/Hygienic Practices

None required under normal use.