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.

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 AGCHI TLV %
Selenium (Se) 7782-49-2 0.2mg/m³ 0.2mg/m³ 96
Tellurium (Te) 13494-80-9 0.1mg/m³ Not listed

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 Characteristics (as Se)
Boiling Point n.a. Specific Gravity (H₂O = 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 material has not unusual fire and explosion hazards.

(OSPA 174, Sept. 1985)
### Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Condition to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stable</td>
<td>x</td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**
- Strong acid

**Hazardous Decomposition or Byproducts**
- Oxide of Selenium alloy.

**Hazardous Polymerization**
- May Occur
- Will Not Occur  x

### Section VI - Health Hazard Data

**Route(s) of Entry:**
- Inhalation? No
- Skin? Yes  Possible but very unusually
- Ingestion? No

**Health Hazards (Acute and Chronic)**

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

**Carcinogenicity:**
- NTP? No
- IARC Monographs? No
- OSHA Regulated? No

**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**

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Mechanical (General)</th>
<th>Special</th>
<th>Other</th>
<th>Not needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not needed</td>
<td></td>
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</tbody>
</table>

**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.