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.

IDENTITY (As Used on Label and List)

SF-38LR Photoconductive drum

Section I

Distributor's Name
Sharp Electronics Corporation

Address (Number, Street, City, State, and ZIP Code)
Sharp Plaza, Mahwah, NJ 07430

Manufacturer's Name
Sharp Corporation

Address
22-22 Nagaike-cho, Abeno-ku, Osaka, JAPAN

Emergency Telephone Number
201-529-9223

Telephone Number for Information
201-529-8200

Data Prepared
May 7, 1987

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium Sulfide (CAS No. 1306-23-6)</td>
<td>0.2mg/m³</td>
<td>0.05mg/m³</td>
<td>1.45</td>
<td></td>
</tr>
<tr>
<td>(8hrs TWA)</td>
<td>(8hrs TWA)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum (Al) (CAS No. 7429-90-5)</td>
<td>-</td>
<td>Not Listed</td>
<td>None</td>
<td>97.9</td>
</tr>
<tr>
<td>Binder Resin (CAS No. 9052-61-3)</td>
<td>-</td>
<td>Not Listed</td>
<td>None</td>
<td>0.15</td>
</tr>
<tr>
<td>Insulator film (CAS No. 25038-59-9)</td>
<td>-</td>
<td>Not Listed</td>
<td>None</td>
<td>0.5</td>
</tr>
</tbody>
</table>

The cadmium sulfide is firmly attached to aluminum drum with a plastic binder.
This is further covered by a polyester shrink film.

Section III — Physical/Chemical Characteristics

Boiling Point
* n.a.*
Specific Gravity (H₂O = 1)
4.82

Vapor Pressure (mm Hg)
n.a.
Melting Point
n.a.

Vapor Density (AIR = 1)
n.a.
Evaporation Rate
(Buoy Acaata = 1)
n.a.

Solubility in Water Negligible

Appearance and Odor
A hollow cylinder which brownish yellow in color. No odor.

Section IV — Fire and Explosion Hazard Data

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

Extinguishing Media
CO₂, dry chemical, foam or water

Special Fire Fighting Procedures
Self contained breathing apparatus and full protection against dust and fumes.
(In case that a large quantity of drums produces fumes or vapors at a high temperature.

Unusual Fire and Explosion Hazards
This material has no unusual fire or explosion hazards.

(Reproduce locally) * Not applicable
Section V — Reactivity Data

Stability

<table>
<thead>
<tr>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)

Strong oxidizing agents, strong acid

Hazardous Decomposition or Byproducts

\( \text{C}_2\text{H}_4\text{O}_2, \text{CO}, \text{CO}_2, \text{and NOX} \)

Hazardous Polymerization

May Occur

<table>
<thead>
<tr>
<th>Conditions to Avoid</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Not Occur</td>
<td>X</td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

Route(s) of Entry

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>No</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

In the event the materials are ingested or inhaled, acute nausea, vomiting, stomachache, inappetence, anemia, etc., or chronic emphysema of the lungs, nephropathy, albuminuria may occur.

Carcinogenicity

NTP? | Described |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC, Group 2B</td>
<td>OSHA Required? No</td>
</tr>
</tbody>
</table>

AMES test results indicate that Cadmium Sulfide is not a carcinogen.

Signs and Symptoms of Exposure

None

Medical Conditions Generally Aggravated by Exposure

None

Emergency and First Aid Procedures

n.a.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

No special precaution.

Waste Disposal Method

Return used drums to distributor then, to the manufacturer for disposal.

Precautions to Be Taken in Handling and Storing

No special storage requirements for safety reasons.

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type)

<table>
<thead>
<tr>
<th>None required under normal use</th>
</tr>
</thead>
</table>

Ventilation

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Special</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical (General)</td>
<td>No</td>
<td>Other</td>
</tr>
</tbody>
</table>

Protective Gloves

<table>
<thead>
<tr>
<th>None required under normal use</th>
</tr>
</thead>
</table>

Eye Protection

None required under normal use

Other Protective Clothing or Equipment

None required under normal use

Work/Hygienic Practices

None