Material Safety Data Sheet

Section I — Distributor's Information

Distributor's Name: Sharp Electronics Corporation
Address: Sharp Plaza, Mahwah, NJ 07430

Emergency Telephone Number: 201-529-9223
Telephone Number for Information: 201-529-3200

Manufacturer's Name: Sharp Corporation
Date Prepared: May 7, 1987

Address: 22-22 Nagaike-cho, Abeno-ku, Osaka, JAPAN
Signature of Preparer (optional):

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names): None hazardous ingredients
OSHA PEL: Not listed
ACGIH TLV: None

Section III — Physical/Chemical Characteristics

Boiling Point: * n.a.
Specific Gravity (H2O = 1): (at 25°C) 0.98

Vapor Pressure (mm Hg): n.a.
Meeting Point: n.a.

Vapor Density (AIR = 1): n.a.
Evaporation Rate: (Butyl Acetate = 1) n.a.

Solubility in Water: Not soluble
Appearance and Odor: Colorless, transparent, odorless fluid

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used): 150°C (Open cup)
Flammable Limits: LEL n.a. UEL n.a.

Extinguishing Media: CO2 or foam

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: None

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

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

### Incompatibility (Materials to Avoid)

None

### Hazardous Decomposition or Byproducts

- $\text{SiO}_2$, $\text{CO}_2$ and traces of incompletely burned carbon products.

### Hazardous Polymerization

- May Occur | None |
- Will Not Occur | X |

### Section VI — Health Hazard Data

#### Route(s) of Entry

<table>
<thead>
<tr>
<th>Inhalation?</th>
<th>No</th>
<th>Skin?</th>
<th>No</th>
<th>Ingestion?</th>
<th>No</th>
</tr>
</thead>
</table>

#### Health Hazards (Acute and Chronic)

Acute estimated LD50 more 5000mg/kg

#### Carcinogenicity

<table>
<thead>
<tr>
<th>NTP?</th>
<th>No</th>
<th>IARC Monographs?</th>
<th>No</th>
<th>OSHA Regulated?</th>
<th>No</th>
</tr>
</thead>
</table>

#### Signs and Symptoms of Exposure

Skin contact: No significant effect. Eye contact: May cause slight irritation.

### Medical Conditions Generally Aggravated by Exposure

No information is available.

### Emergency and First Aid Procedures

Skin: Remove liquid from skin with dry cloth or towel, and wash exposed area with detergent. Eyes: Immediately flush with water for at least 15 minutes.

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

Steps to Be Taken if Material is Released or Spilled

Use absorbent material to collect and contain for salvage or disposal.

### Waste Disposal Method

Can be burned in accordance with local regulation.

### Precautions to Be Taken in Handling and Storage

No special storage requirements for safety reasons.

### Other Precautions

None

### Section VIII — Control Measures

#### Respiratory Protection (Specify Type)

None required under normal use.

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

#### Protective Gloves

- Plastic film or rubber gloves
- Eye Protection
  - Safety glasses

Other Protective Clothing or Equipment

- Eye wash equipment.

#### Work/Hygienic Practices

Wash thoroughly after handling.