Material Safety Data Sheet

IDENTITY (As Used on Label and List)

SF-730HT1 Black Toner

SECTION I

Distributor's Name
Sharp Electronics Corporation

Emergency Phone NumbKers
2BI-323-5777

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

Manufacturer's Name
Sharp Corporation

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

SECTION II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names)
Carbon black (CAS No. 1333-86-4)

OSHA PEL
3.5 mg/m³

ACGIH TLV
3.5 mg/m³

Other Limits Recommended
None

% (optional)
< 5

None hazardous ingredients

Styrene-Acrylate copolymer

— Not listed

None > 92

Organic ammonium salt

— Not listed

None < 2

SECTION III — Physical/Chemical Characteristics

Boiling Point
B.p.

Specific Gravity (H₂O = 1)
1.1

Vapor Pressure (mm Hg.)
B.p.

Melting Point
B.p.

Vapor Density (AIR = 1)
B.p.

Evaporation Rate
B.p.

Solvency in Water
Negligible

Appearance and Odor
Fine, black powder, odorless

SECTION IV — Fire and Explosion Hazard Data

Flash Point (Method Used)
B.p.

Flammable Limits

Lower Explosive Limit
B.p.

Upper Explosive Limit
B.p.

Extinguishing Media
CO₂, dry chemical, foam or water.

Fire Fighting Procedures
This material will burn in the case of fire.

The decomposition products are CO₂, CO, and NOₓ.

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

(Reproduce locally)
Section V — Reactivity Data

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

Incompatibility (Materials to Avoid)

- None

Hazardous Decomposition or Byproducts

- CO, CO₂, and NOₓ

Hazardous Polymerization

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

Section VI — Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation</th>
<th>Skin</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>Possible but very unusual</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

- LD₅₀ value of the toner in an oral acute toxicity test is over 5.0g/kg.

Carcinogenicity

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

Signs and Symptoms of Exposure

- Minimum irritation to respiratory tract may occur as with exposure to any non-toxic dust.

Medical Conditions

- Acute Respiratory Distress Syndrome
- Chronic Obstructive Pulmonary Disease

Emergency and First Aid Procedures

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Remove to fresh air if effects occur, consult local medical personnel.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>In case of contact, immediately flush eyes with water for 5 minutes.</td>
</tr>
</tbody>
</table>

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

- Sweep up or clean up with a vacuum cleaner.

Waste Disposal Method

- Waste material may be dumped or incinerated under conditions which meet all federal, state and local environmental regulations.

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)

- None required under normal use

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

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

- Protective Gloves

- None required under normal use

- Eye Protection

- None required under normal use

- Other Protective Clothing or Equipment

- None required under normal use

- Worn/Hygienic Practice

- Inhalation should be avoided.