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 - 222NT1, 222ST1, 222T1

Section I
Distributor's Name
Sharp Electronics Corporation
Emergency Telephone Number
1-800-253-3924
Address (Number, Street, City, State, and ZIP Code)
Sharp Plaza, Mahwah, N.J 07430 U.S.A.
Telephone Number for Information
201-529-8200
Manufacturer's Name
Sharp Corporation
Date Prepared
June 17, 1992
Address
22-27, Nakaike-cho, Abeno-ku, Osaka, JAPAN
Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity, Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS No. 1333-86-4)</td>
<td>3.5mg/m³</td>
<td>3.5mg/m³</td>
<td>None</td>
<td>&lt; 6%</td>
</tr>
</tbody>
</table>

None hazardous ingredients

| Styrene-Acrylate copolymer (CAS No. 25757-47-9)                | -       | Not listed| None                     | > 97%        |

| Organic ammonium salt (CAS No. 102361-46-6)                   | -       | Not listed| None                     | < 2%         |

Section III - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>* n.a.</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>1.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>n.a.</td>
<td>Melting Point</td>
<td>n.a.</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>n.a.</td>
<td>Evaporation Rate (Butn Acetate = 1)</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

Solubility in Water
Negligible

Appearance and Odor
Fine, black powder, odorless

Section IV - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>Flammable Limits</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>n.a.</td>
<td></td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

Extinguishing Media
CO₂, dry chemical, foam or water

Special Fire Fighting Procedures
This material will burn in the case of fire.
The decomposition products are CO, CO₂ and NOₓ.

Unusual Fire and Explosion Hazards
This material has no unusual fire or explosion hazards.
Section V — Reactivity Data

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

Incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

CO, CO₂ and NO

Hazardous Polymerization

May Occur | Conditions to Avoid |
-----------|---------------------|
Will Not Occur | None |

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Yes | Skin? No | Ingestion? Possible but very unusual

Health Hazards (Acute and Chronic)

LDLo value of this toner in an oral acute toxicity test is over 2.0g/kg

The result of Ames Test is negative.

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

Generally aggravated by exposure

Accumulation of dust in the respiratory system.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air if effects occur, consult local medical personnel.

Eyes: In case of contact, immediately flush eyes with water for 5 minutes.

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

Ventilation

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<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

Work/Hygienic Practices

Inhalation should be avoided.