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-980ST1/NT1

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Distributor's Name
Sharp Electronics Corporation

Emergency Telephone Number
201-529-9223

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

Telephone Number for Information
201-529-8200

Manufacturer's Name
Sharp Corporation

Date Prepared
Dec. 19, 1989

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 Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended % (optional)

Carbon black
3.5mg/m³ 3.5mg/m³ None 6.0

(No hazardous ingredients)

Styrene acrylate copolymer

Not listed Not listed None 85.5

Polypropylene

Not listed Not listed None 6.0

Metal complex of azo dye

Not listed Not listed None 3.0

Iron oxide

Not listed Not listed None 1.0

Section III — Physical/Chemical Characteristics

Boiling Point * N.A Specific Gravity (H₂O = 1) 1.10

Vapor Pressure (mm Hg) 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 Fine black powder, odorless

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 Wear self-contained breathing apparatus and full protective gear.

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></td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

CO₂, CO₂ and NOₓ.

Hazardous Polymerization

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Will Not Occur</th>
<th>None</th>
</tr>
</thead>
</table>

Section VI — Health Hazard Data

Route(s) of Entry:

Inhalation? Yes
Skin? Possible but very unusual
Ingestion? No

Health Hazards (Acute and Chronic)

LD₅₀ value of this toner in an acute oral toxicity test is over 5.08/Kg.
No dermal irritant reactions are elicited in any of the rabbits.
No the reactions of the acute inhalation toxicity are elicited in any of the rats.

Carcinogenicity:

NTP? No
NARC Monographs? No
OSHA Regulated? No

This toner shows negative in Ames test.

Signs and Symptoms of Exposure

Minimal 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

Local Exhaust: No
Mechanical (General): No

Protective Gloves

None required under normal use.

Eye Protection

None required under normal use.

Other Protective Clothing or Equipment

None required under normal use.

Wear/Hygiene Practices

Inhalation should be avoided.