Material Safety Data Sheet

Section I

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

Prepared by:
Signature of Preparer (optional)

22-22, Nagaikcho, Abeno-ku, Osaka, JAPAN

Section II — Hazardous Ingredients/Identity Information

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

<table>
<thead>
<tr>
<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>3.5 mg/m³</td>
<td>3.5 mg/m³</td>
<td>None</td>
</tr>
</tbody>
</table>

None Hazardous Components

Polyester Resin: Not listed
Wax: Not listed
Organic Pigment: Not listed

Section III — Physical/Chemical Characteristics

Boiling Point: N.A.
Specific Gravity (H₂O = 1): 1.2

Other Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>1.2</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N.A.</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

Solubility in Water: Insoluble
Appearance and Odor: Fine odorless powder (Black colored)

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used): more than 150°C (C.O.C.)
Flammable Limits: 21.1 g/m³
ULI: Not Known

Extinguishing Media: Water spray, foam, CO₂, dry powder

Special Fire Fighting Procedures:

This material will burn in the case of fire. The decomposition products are CO, CO₂ and NOₓ. Avoid inhalation of smoke.

Special Fire and Explosion Hazards:

This material has no unusual fire or explosion hazards.

(Reproduce locally) N.A. * Not Applicable

OSHA 174, Sept. 1995

Came with TV for the Sharp SF-9560
Copied in Carbon Hall 5042. 2/15/96
Section V — Reactivity Data

Stability

Unstable

X

Conditions to Avoid

None

Incompatibility (Materials to Avoid)

Strong acid or alkaline

Hazardous Decomposition or By-products

Phenol derivatives, carbon monoxide when heated at high temperature (>300°C)

Hazardous Polymerization

May Occur

Conditions to Avoid

None

Was Not Occur

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation?

Yes

Skin?

No

Ingestion?

No

Possible but very unusual

Health Hazards (Acute and Chronic)

Acute toxicity: LDLo > 5g/kg, LCLo > 6.2mg/l

Skin irritation: Primary irritation test — non-irritant. Skin sensitization maximization test — not sensitized. Eye irritation: mucosal irritation —

Cardiogenicity:

NTP

No

WHO Monographs

No

OSHA Regulated?

No

Mutagenicity: Ames test — negative (S. typhimurium, Escherichia coli)

Signs and Symptoms of Exposure

Minimal irritation to respiratory tract may occur as with exposure to large amount of any non-toxic powder.

Medical Conditions Generally Aggravated by Exposure

Accumulation of dust in the respiratory system.

Emergency ws. First Aid Procedures

Inhalation: Remove to fresh air if effects occur, consult local medical personnel. Eyes: In case of contact, immediately flush eyes with plenty of water.

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 Special No

Mechanical (General)

NO Other No

Protective Gloves

Intermediate

Eye Protection

None required under normal use.

None required under normal use.

Other Protective Clothing or Equipment

None required under normal use.

Personal Hygiene Practices

Inhalation should be avoided.