Material Safety Data Sheet

IDENTITY (As Used on Label and List)
SF-Bronti Black Toner

Section I

Distributor's Name
Sharp Electronics Corporation

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 Name(s))
Carbon black (CAS No. 1333-86-4)

OSHA PEL
ACGIH TLV
Other Limits Recommended % (optional)
3.5 mg/m³
3.5 mg/m³
None
<6

None hazardous ingredients

Styrene-Acrylate copolymer (CAS)
—
Not listed
None
>92

Organic ammonium salt
—
Not listed
None
<2

Section III — Physical/Chemical Characteristics

Boiling Point

Specific Gravity (H₂O = 1)
1.1

Vapor Pressure (mm Hg)

Melting Point

n.a.

Vapor Density (AIR = 1)

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)

Flammable Limits

LEL
n.a.

UEL
n.a.

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 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>Unstable</th>
<th>Conditions to Avoid</th>
<th>None</th>
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<tr>
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<td>Stable</td>
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incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

CO₂, CO₂, and NOx

Hazardous Polymerization

May Occur

Conditions to Avoid

None

Will Not Occur

x

Section VI — Health Hazard Data

Route(s) of Entry:

Inhalation? Yes

Skin? No

Ingestion? Possible but very unusual

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

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

Special No

Mechanical (General) No

Other No

Protective Gloves

None required under normal use

Eye Protection

None required under normal use

Protective Clothing or Equipment

None required under normal use

Work/Hygienic Practices

Inhalation should be avoided.