

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.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) **SF-90T** **Black Toner** *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 201-529-2200
Manufacturer's Name Sharp Corporation	Date Prepared Jan 20 1987
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	% (total)
Carbon black (CAS No. 1333-86-4)	3.5mg/m ³	3.5mg/m ³	None	4.0
(None hazardous ingredients)				
Styrene acrylate copolymer (CAS No. 65328-52-1)	Not listed	Not listed	None	92.0
Organic pigment (" .38833-00-0)	"	"	"	4.0

Section III — Physical/Chemical Characteristics

Boiling Point	* N.A.	Specific Gravity (H₂O = 1)	1.17
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.
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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 NO_x.

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

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts CO, CO₂ and NO_x.

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 Possibility but very unusual.

Health Hazards (Acute and Chronic) LDLo value of this 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.

Other Protective Clothing or Equipment None required under normal use.

Work/Hygiene Practices Inhalation should be avoided.