



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

MSDS NO. F-0251-1

* Not applicable

IDENTITY (As Used on Label and List)
 SF-830NT1 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 201-529-8200
Manufacturer's Name Sharp corporation	Date Prepared Apr. 5, 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 (CAS.No. 1333-86-4)	3.5 mg/m ³	3.5 mg/m ³	None	5.0-7.0
None hazardous ingredients				
Styrene-Acrylate copolymer	—	Not listed	None	84.0-92.0
Polypropylene	—	Not listed	None	1.0-3.0
Polyethylene	—	Not listed	None	1.0-3.0
Organic Ammonium Salt	—	Not listed	None	1.0-3.0

Section III — Physical/Chemical Characteristics

Boiling Point	n.s.	Specific Gravity (H ₂ O = 1)	0.3
Vapor Pressure (mm Hg.)	n.s.	Melting Point	n.s.
Vapor Density (AIR = 1)	n.s.	Evaporation Rate (Butyl Acetate = 1)	n.s.
Solubility in Water Negligible			
Appearance and Odor Fine, black powder, odorless			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) n.s.	Flammable Limits	LEL n.s.	UEL n.s.
Extinguishing Media CO ₂ , dry chemical, foam or water.			
Special Fire Fighting Procedures This material will burn in the case of fire.			
Unusual Fire and Explosion Hazards The decomposition products are CO, CO ₂ , and NO _x . 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** Ingestion? **Possible but very unusual**

Health Hazards (Acute and Chronic)
LDL₅₀ 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**

Other Protective Clothing or Equipment
None required under normal use

Work/Hygienic Practices

Inhalation should be avoided.