

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-0141-2



IDENTITY (As Used on Label and List) SF-980NTL/TL *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 201-529-9273
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. 15, 1988
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)	3.5mg/m3	3.5mg/m3	None	6-7

None Hazardous Components

Polyester Resin	Not listed	Not listed	None	87-92
Wax	Not listed	Not listed	None	1-3
Organic Pigment	Not listed	Not listed	None	1-3

Section III -- Physical/Chemical Characteristics

Boiling Point	N.A.*	Specific Gravity (H₂O = 1)	1.2
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 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	LEL 21.1g/m3	UEL Not Known
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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 NO_x. Avoid inhalation of smoke.

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

*Came with Toner for the Sharp SF-9560
Copier in Carlson Hall 5042. 2/15/96*

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		

Incompatibility (Materials to Avoid) **Strong acid or alkaline**

Hazardous Decomposition or Byproducts
Phenol derivatives, carbon monoxide when heated at high temperature. (>300°C)

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
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Health Hazards (Acute and Chronic)
Acute toxicity: LDLo --- >5g/kg. LCLo --- >6.42mg/l
Skin irritation; Primary irritation test -- non-irritant. Skin sensitization test --- not sensitized. Eye irritation; mucosal irritation --- not irritant.

Carcinogenicity:	NTP?	No	ARC Monographs?	No	OSHA Regulated?	No
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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 or 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 vacuume 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 Storage
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.**