

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-88LR photoconductive drum

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 May. 7, 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	% (optional)
Cadmium Sulfide (CAS No. 1306-23-6)	0.2mg/m ³ (8hrs TWA)	0.05mg/m ³ (8hrs TWA)		1.45
None Hazardous ingredients				
Aluminum (Al) (CAS No. 7429-90-5)	-	Not listed	None	97.9
Binder Resin (CAS No. 9052-61-3)	-	Not listed	None	0.15
Insulator film (CAS No. 25038-59-9)	-	Not listed	None	0.5

The cadmium sulfide is firmly attached to aluminum drum with a plastic binder.
This is further covered by a polyester shrink film.

Section III — Physical/Chemical Characteristics

Boiling Point	* n.a.	Specific Gravity (H ₂ O = 1)	4.82
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
A hollow cylinder which brownish yellow in color. No odor.

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
Self contained breathing apparatus and full protection against dust and fumes.

(In case that a large quantity of drums produces fumes or vapors at a high temperature.)

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) Strong oxidizing agents, strong acid

Hazardous Decomposition or Byproducts CdO, SO₂, CO, 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? No Skin? No Ingestion? No

Health Hazards (Acute and Chronic) In the event the materials are ingested or inhaled, acute nausea, vomiting, stomachache, inappetence, anemia, etc., or chronic emphysema of the lungs, nephropathy, albuminuria may occur.

Carcinogenicity: NTP? Described IARC Monographs? Described (Group 2B) OSHA Regulated? No
 AMES test results indicate that Cadmium Sulfide is not a carcinogen.

Signs and Symptoms of Exposure None

Medical Conditions Generally Aggravated by Exposure None

Emergency and First Aid Procedures n.a.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

None special precaution.

Waste Disposal Method Return used drums to distributor then, to the manufacturer for disposal.

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 None