

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)
ZT-50DR Organic Photoconductor

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 Dec. 22, 1986 |
| Address 22-22 Naçaike-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) |
|---|----------|------------|--------------------------|--------------|
| None | | | | |
| None hazardous ingredients | | | | |
| Binder resin (CAS No. 9011-14-7) | - | Not listed | None | 0.4 |
| Photosensitive material (CAS No. 73276-70-7) | - | Not listed | None | 0.3 |
| Pigment (CAS No. 84982-68-3) | - | Not listed | None | 0.1 |
| Aluminium (CAS No. 7429-90-5) | - | Not listed | None | 99.2 |

Section III — Physical/Chemical Characteristics

| | | | |
|-------------------------|-------|---|------|
| Boiling Point | *n.a. | Specific Gravity (H ₂ O = 1) | 2.7 |
| 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 Color

Reddish-brown, odorless and solid cylinder

Section IV — Fire and Explosion Hazard Data

| | | | |
|-----------------------------------|------------------|-------------|-------------|
| Flash Point (Method Used) n.a. | Flammable Limits | LEL n.a. | UEL n.a. |
|-----------------------------------|------------------|-------------|-------------|

Extinguishing Media

CO₂, dry chemical, foam or water

Special Fire Fighting Procedures

This material will be scorched in the case of fire.

Unusual Fire and Explosion Hazards

This material has no unusual fire or explosion hazards.

(Reproduce locally)

* Not applicable

Section V — Reactivity Data

| | | | | |
|-----------|----------|---|---------------------|------|
| Stability | Unstable | | Conditions to Avoid | None |
| | Stable | X | | |

Incompatibility (Materials to Avoid)**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? | No | Skin? | No | Ingestion? | No |
|--------------------|-------------|----|-------|----|------------|----|

Health Hazards (Acute and Chronic)

LDLo value of the coated compounds on the aluminum substrate in an oral toxicity test is over 5,000 mg/kg.

| | | | | | | |
|------------------|------|----|------------------|----|-----------------|----|
| Carcinogenicity: | NTP? | No | IARC Monographs? | No | OSHA Regulated? | No |
|------------------|------|----|------------------|----|-----------------|----|

Signs and Symptoms of Exposure
None**Medical Conditions**
Generally Aggravated by Exposure
None**Emergency and First Aid Procedures**
None treatment is required.**Section VII — Precautions for Safe Handling and Use****Steps to Be Taken in Case Material is Released or Spilled**
No special precaution.**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 (Society 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**
None