

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) **Silicone oil**
SF-90RL

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 201-529-3200 |
| Manufacturer's Name Sharp Corporation | Date Prepared May 7, 1987 |
| Address 22-22 Nacaike-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 hazardous ingredinentes | | | | |
| Dimethyl polysiloxane (63148-62-9) | - | Not listed | None | 100 |

Section III — Physical/Chemical Characteristics

| | | | |
|-------------------------|---|--|------|
| Boiling Point | * n.a. | Specific Gravity (H ₂ O = 1) (at 25°C) | 0.98 |
| 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 | Not soluble | | |
| Appearance and Odor | Colorless, transparent, odorless fluid | | |

Section IV — Fire and Explosion Hazard Data

| | | | |
|--|------------------|--------------------|--------------------|
| Flash Point (Method Used) 150°C (Open cup) | Flammable Limits | LEL n.a. | UEL n.a. |
| Extinguishing Media CO₂ or foam | | | |
| Special Fire Fighting Procedures Self-contained breathing apparatus and protective clothin should be worn in fighting fires involving chemicals. | | | |
| Unusual Fire and Explosion Hazards None | | | |

Section V — Reactivity Data

| | | | | |
|---|----------|---|---------------------|------|
| Stability | Unstable | | Conditions to Avoid | None |
| | Stable | X | | |
| Incompatibility (Materials to Avoid) None | | | | |

Hazardous Decomposition or Byproducts

SiO₂, CO₂ and traces of incompletely burned carbon products.

| | | | | |
|--------------------------|----------------|---|---------------------|------|
| 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) Acute estimated LD50 more 5000mg/kg | | | | | | |

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

Signs and Symptoms of Exposure Skin contact: No significant effect. Eye contact: May cause slight irritation.

Medical Conditions Generally Aggravated by Exposure No information is available.

Emergency and First Aid Procedures

Skin: Remove liquid from skin with dry cloth or towel, and wash exposed area with detergent. Eyes: Immediately flush with water for at least 15 minutes.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Use absorbent material to collect and contain for salvage or disposal.

Waste Disposal Method Can be burned in accordance with local regulation.

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 Plastic film or rubber gloves Eye Protection Safety glasses

Other Protective Clothing or Equipment Eye wash equipment.

Work/Hygienic Practices Wash thoroughly after handling.