

098

**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-88RL

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<br><b>Sharp Electronics Corporation</b>                                  | Emergency Telephone Number<br><b>201-529-9223</b>       |
| Address (Number, Street, City, State, and ZIP Code)<br><b>Sharp Plaza, Mahwah, NJ 07430</b> | Telephone Number for Information<br><b>201-529-8200</b> |
| Manufacturer's Name<br><b>Sharp Corporation</b>   | Date Prepared<br><b>May. 7, 1987</b>                    |
| Address<br><b>22-22 Nacaike-cho Abero-ku, Osaka, JAPAN</b>                                  | 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) |
|---|----------|-------------------|--------------------------|--------------|
| <b>None hazardous ingredients</b>                                 |          |                   |                          |              |
| <b>Dimethyl polysiloxane (63148-62-9)</b>                         | <b>-</b> | <b>Not listed</b> | <b>None</b>              | <b>100</b>   |

**Section III — Physical/Chemical Characteristics**

|                         |        |  |      |
|-------------------------|--------|--|------|
| Boiling Point           | * n.a. | Specific Gravity (H <sub>2</sub> O = 1)<br>(at 25°C) | 0.98 |
| Vapor Pressure (mm Hg.) | n.a.   | Melting Point  | n.a. |
| Vapor Density (AIR = 1) | n.a.   | Evaporation Rate<br>(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)<br><b>150°C (Open cup)</b> | Flammable Limits | LEL<br><b>n.a.</b> | UEL<br><b>n.a.</b> |
| Extinguishing Media<br><b>CO<sub>2</sub> or foam</b> |                  |                    |                    |

Special Fire Fighting Procedures

**Self contained breathing apparatus and protective clothing should  
 be worn in fighting fires involving chemicals.**

Unusual Fire and Explosion Hazards

**None**

(Reproduce locally)

\* Not applicable

**Section V — Reactivity Data**

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

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts  
SiO<sub>2</sub>, CO<sub>2</sub> 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?                      Skin?                      Ingestion?                      No                      No                      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 15minutes.

**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.