



**Product Name:** Tflex 300

**MSDS Number:** 135

**Material Safety Data Sheet**

(Prepared in accordance with OSHA Hazard communication  
Standard 29 CFR 1910.1200 Section (g)(c)(1))

**Manufacturer's Name:** Laird Technologies  
4707 Detroit Road  
Cleveland, OH 44102  
**Date of Preparation:** February 2007

**Emergency Telephone Number**  
\*\*\* (216) 939 – 2300 \*\*\*  
**Information Telephone Number**  
\*\*\* (216) 939 – 2300 \*\*\*

**Section 1: Product Identification**

**Product Name:** Tflex 300

**Synonym:** Thermally Conductive Elastomeric Sheet

**Chemical Family:** Silicone Polymer

**Formula:** Mixture

**Section 2: Composition Information**

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. The MSDS should be retained and available for employees and other users of the product.

**Section 3: Hazards Identification**

**Potential Health Effects:**

**Ingestion:** Low ingestion hazard with normal use.  
**Skin:** Prolonged contact may cause irritation.  
**Inhalation:** At room temperature, exposure is not likely due to physical properties; higher temperatures may cause vapor levels sufficient to cause irritation.  
**Eyes:** Direct contact may cause temporary redness and discomfort

**Medical Conditions Aggravated:** None known

**Subchronic Effects:** None known

**Chronic Effects/Carcinogenicity:** This product contains no carcinogens or suspected carcinogens, in concentrations of 0.1% or greater, as defined by OSHA, ACGIH, NTP, and IARC.

#### Section 4: First Aid Measures

- Ingestion:** Get medical attention. Do not induce vomiting unless large amounts are ingested or medical attention is not immediately available.
- Skin:** Wash with soap and water.
- Inhalation:** Remove to fresh air if effects occur.
- Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### Section 5: Fire Fighting Measures

##### Flammable Properties:

**Flash Point:** Not applicable to solids

**Flammable Limits:** LFL: Not Applicable  
UFL: Not Applicable

**Sensitivity to Static Discharge:** Not expected

**Extinguishing Media:** Standard fire fighting media

**Fire & Explosion Hazards:** None known

**Special Firefighting Procedures:** Fire fighting personnel should wear positive pressure self-contained breathing apparatus for protection from decomposition products such as carbon monoxide.

#### Section 6: Accidental Release Measures

Sweep up material and dispose of material in accordance with federal, state, and local regulations.

#### Section 7: Handling and Storage

No special handling procedures required.

#### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** General room ventilation is expected to be satisfactory of storage and handling at normal temperatures. Special, local ventilation may be needed where high temperatures are encountered.

**Personal Protective Equipment (PPE):** No special protection needed.

**General Hygiene Considerations:** Wash hands thoroughly after handling and before eating or drinking.

**Exposure Guidelines:** Not Available

## Section 9: Physical / Chemical Properties

<b>Boiling Point:</b>	Not applicable	<b>Volatile by Volume:</b>	< 1.0 %
<b>Density:</b>	1.75 g / cc @ 25 ° C	<b>Vapor Pressure:</b>	Negative mm Hg @ 25° C
<b>Solubility in Water @ 20°C:</b>	Negligible	<b>Evaporation Rate:</b>	Negative
<b>Vapor Density:</b>	Negligible (Air = 1)	<b>Physical State:</b>	Solid
<b>Appearance:</b>	Green Sheet	<b>Odor:</b>	Odorless

## Section 10: Stability and Reactivity

<b>Stability:</b>	Stable.
<b>Conditions to Avoid:</b>	Strong oxidizing materials and bases.
<b>Materials to Avoid:</b>	Strong oxidizing materials and bases.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide, and silicon dioxide.

## Section 11: Toxicological Information

No toxicological information has been found for this material.

## Section 12: Ecological Information

No specific ecological data for this material is available. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

## Section 13: Waste Disposal

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

## Section 14: Transport Information

<b>DOT Shipping Name:</b>	None
<b>DOT Hazard Class:</b>	None
<b>DOT Label(s):</b>	None
<b>UN/NA Number:</b>	None
<b>IATA:</b>	None
<b>IMO - IMDG Code:</b>	None

### Section 15: Regulatory Information

**SARA Section 302:** Not listed

**SARA Section 311, 312:** Not listed

**SARA Section 313:** Not listed

### Section 16: Other Information

**NOTICE:** The information herein is based on data considered to be accurate at date of preparation. No warranty is made as to the accuracy or completeness of the foregoing data and safety information. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, form any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.