

# Material Safety Data Sheet

## Section 1 Product and Company Identification

**Product Name:** TEFLON THREAD SEALANT 777  
**Revision #:** 1.1      **Date Prepared:** 05/10/95      **Date Revised:** 02/03/99

**Manufacturer:**

**LA-CO Industries, Inc.**

1201 Pratt Blvd.

Elk Grove Village, IL

60007-5746

**Information Telephone:** 847-956-7600

**Emergency Telephone:** 847-956-7600

**Chemical Formula:** Mixture

**CAS No.:** Not Applicable. **Synonyms:** Not Applicable. **Derivation:** Not Applicable.

**General Use:** Pipe thread sealant for metal and ABS, PVC, & CPVC plastic threads.

## Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
No Hazardous Ingredients according to the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canadian WHMIS regulations. (For Section 2 footnotes: See Section 15)		

## Section 3 Hazards Identification

**EMERGENCY OVERVIEW:** None.

**POTENTIAL HEALTH EFFECTS:**

**Primary Entry Routes:** None

**Acute Effects**

**Eyes:** May cause mechanical irritation.

**Skin:** Not Applicable.

**Ingestion:** May cause nausea.

**Inhalation:** Not Applicable.

**Chronic Effects**

**Eyes:** Not Applicable.

**Skin:** Not Applicable.

**Ingestion:** Not Applicable.

**Inhalation:** Not Applicable.

**Carcinogenicity:** Not Applicable.

**Target Organ Effects:** Not Applicable.

**Medical Conditions Aggravated by Long-Term Exposure:** Not Determined.

**Other Information:** Not Applicable.

**HMIS Rating:** Health 0, Flammability 1, Reactivity 0

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<b>Section 4</b>	<b>First Aid</b>
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**Eye Contact:** Flush with water.  
**Skin Contact:** Wash with soap and water.  
**Ingestion:** Consult physician if irritation develops.  
**Inhalation:** Not Applicable.  
**Other Information:** Not Applicable.

<b>Section 5</b>	<b>Fire Fighting Measures</b>
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**Flash Point (method):** >300°F/150°C (toc)  
**Autoignition Temperature:** Not Determined.  
**LEL:** Not Determined.      **UEL:** Not Determined.  
**Flammability Classification:** NFPA Class III B  
**Extinguishing Media:** Water, Carbon Dioxide, Chemical Foam.  
**Hazardous Combustion Products:** Hydrogen Fluoride, Perfluoro-carbon olefins, oxides of carbon.  
**Unusual Fire or Explosion Hazards:** Teflon will emit Hydrogen Fluoride and perfluorocarbon olefins above 500°F.  
**Fire-Fighting Instructions/Equipment:** Keep personnel removed and upwind of any fire. Wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).  
Keep containers cool by spraying with water.  
**NFPA Rating:** Health 2, Flammability 1, Reactivity 0.

<b>Section 6</b>	<b>Accidental Release Measures</b>
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Use recommended personal protective equipment (see Section 8).  
**Small Spill:** Scrape up spills and place in steel container. Wash remainder with soap and water. Spill area may be slippery.  
**Large Spill:** Treat same as small spill.

<b>Section 7</b>	<b>Handling and Storage</b>
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**Handling Precautions:** Use recommended personal protective equipment (see Section 8). Wash thoroughly after handling.  
**Storage Requirements:** Store in a cool, dry area.

<b>Section 8</b>	<b>Exposure Controls/Personal Protection</b>
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**Eye/Face Protection:** None.  
**Skin Protection:** None.  
**Respiratory Protection:** None.  
**Other Personal Protective Equipment:** Eye wash and safety shower recommended.

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**Engineering Controls:** Not Applicable.  
**Administrative Controls:** Users of this product must be properly trained and qualified in its use.  
**Other Information:** Fumes of decomposition (burning) are toxic.

## Section 9      Physical and Chemical Properties

**Appearance/Physical State:** White paste/viscous liquid.  
**Odor:** Grease-like.  
**Odor Threshold (ppm):** Not Determined.  
**Specific Gravity (H<sub>2</sub>O = 1):** approximately 1.4  
**Solubility in Water:** Insoluble.  
**Coefficient of Water/Oil Solubility:** <1  
**pH:** Not Applicable.  
**Melting Point:** Not Applicable.  
**Boiling Point:** 350°F/177°C  
**Vapor Pressure (mm Hg at 20°C):** Not Applicable.  
**Vapor Density (Air = 1):** Not Applicable.  
**Evaporation Rate (n-BuAc=1):** Not Applicable.  
**V.O.C.:** 0(w/w), 0(v/v), 0 lbs./gal.

## Section 10      Stability and Reactivity

**Chemical Stability:** Stable.  
**Hazardous Polymerization:** Will Not Occur.  
**Conditions to Avoid:** Not Applicable.  
**Chemicals to Avoid:** Oxidizers, strong acids, strong alkalis, aromatic solvents, chlorinated solvents.  
**Hazardous Decomposition Products:** Hydrogen fluoride, perfluoro-carbon olefins, oxides of carbon.

## Section 11      Toxicological Information

**Sensitization to Product:** Not Applicable.  
**Irritancy of Product:** Not Applicable.  
**Reproductive Toxicity:** Not Applicable.  
**Teratogenicity:** Not Applicable.  
**Mutagenicity:** Not Applicable.

Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## Section 12      Ecological Information

Not Determined.

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### **Section 13 Disposal Considerations**

Dispose of in accordance with applicable federal, state, and local regulations.

### **Section 14 Transport Information**

U.S. D.O.T.: Cement or compound, pipefitting, class 55.

### **Section 15 Regulatory Information**

#### **Footnotes for Section 2:**

- 1 Subject to the reporting requirements of SARA Title III, Section 313.
- 2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List.
- 3 Appears on the Massachusetts Substances List.
- 4 Appears on the New Jersey Right-To-Know Hazardous Substances List.
- 5 Appears on the Pennsylvania Hazardous Substances List.
- 6 Appears on the Canadian WHMIS Ingredient Disclosure List.

**OSHA Hazard Status:** This product is not considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**WHMIS Status (Canada):** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**WHMIS Rating (Canada):** None.

**Risk Phrases (Canada):** None.

**Precautionary Statements (Canada):** None.

**Canadian Domestic Substances List(DSL):** All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

**European Inventory of Existing Chemical Substances (EINECS):** All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard and the Canadian WHMIS Controlled Products Regulations. This MSDS contains all the information required by the above regulations and conforms to ANSI Z400.1-1993.

### **Section 16 Other Information**

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**MSDS Prepared By: Director of Chemical Safety**

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