

**MATERIAL SAFETY DATA SHEET  
LOX-8 GREASE**

**SECTION 1: Product and Company Identification**

**Product Name:** Lox-8 Grease  
**Synonyms:** Oxygen-compatible Thread Sealant

**Manufacturer:** Fluoramics Inc.  
**Address:** 18 Industrial Avenue, Mahwah, NJ 07430

**Emergency Phone:** 201-825-8110  
**Information Phone:** 1-800-922-0075  
**Fax Number:** 201-825-7035

**Chemical Name:** Hydrophobic Paste & Filler of PTFE  
**Chemical Family:** Mixture

**Product use:** Thread Sealant

**SECTION 2: Composition/Information on Ingredients**

<b>Ingredient</b>	<b>CAS No.</b>	<b>% Wt.</b>
<b>Polychlorotrifluoroethylene</b>	<b>9002 83 9</b>	<b>40 - 60</b>
<b>Polytetrafluoroethylene</b>	<b>9002 84 0</b>	<b>40 - 60</b>
<b>Silicondioxide Aerogel</b>	<b>686 11 44 9</b>	<b>.25 - 2</b>
<b>Pigment Cobalt Titanate Green Spinel</b>	<b>68186 85 6</b>	<b>.25 - 5</b>

**SECTION 3: Hazards Identification**

**Route of Entry:**

**Signs & Symptoms of Exposure:** PTFE polymer, when thermally decomposed, may cause polymer fume fever and flu-like symptoms.

**Eyes:** May cause irritation. Use goggles if contact is probable

**Skin:** May cause irritation to sensitive skin. Use protective garment when applicable

**Ingestion:** Contact a physician

**Inhalation:** Use a local exhaust if possible

#### **SECTION 4: First Aid Measures**

**Eyes:** Flush eyes with copious amounts of water

**Skin:** Remove by wiping and wash with soap and water

**Ingestion:** Contact a physician

**Inhalation:** Remove to fresh air

#### **SECTION 5: Fire Fighting Measures**

**Flash point & method used:** N/A

**Flammability limits in air by volume:** N/A

**Extinguisher media:** Its presence in a fire does not hinder the use of any standard medium.

**Special fire fighting procedures:** Wear self-contained breathing apparatus approved by IOASH

**Unusual fire and explosion hazards:** None

	<b>NFPA Codes</b>	<b>HMIS Codes</b>
<b>Health</b>	<b>1</b>	<b>1</b>
<b>Flammability</b>	<b>1</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>	<b>0</b>
<b>Personal Protection</b>		<b>B</b>

#### **SECTION 6: Accidental Release Measures**

**Non-hazardous.** Use safe industrial solvents. Disposal to conform with local, state and federal regulations

#### **SECTION 7: Handling and storage**

**Do not store below 35F (1.6C). Do not freeze. Do not store above 90F**

**Precautions: Avoid frequent or prolonged skin contact or inhalation of fumes**

#### **SECTION 8: Exposure control/Personal protection**

**Use normal personal hygiene and good housekeeping.**

**Respiratory protection: If exposed to high temperature processing fumes, wear self-contained breathing apparatus.**

**Use protective gloves.**

#### **SECTION 9: Physical and chemical properties**

**Appearance: green**

**Odor: None**

**Physical: paste**

**Boiling point: Mixture**

**Melting point: N/A**

**Vapor pressure: <.01**

**Solubility in water: N/A**

**Specific gravity H<sub>2</sub>O=1: CA 2.0**

**Evaporation rate (butyl acetate=1): Less than 1**

#### **SECTION 10: Stability and reactivity**

**Stability: stable**

**Conditions to avoid: Temperatures above 250F without adequate ventilation. Will not polymerize**

**Incompatibility: Melted alkali metals, Interhalogen compounds**

**Hazardous decomposition products: HF, Cl<sub>2</sub>, Hydrogen Fluoride gas - Perfluorocarbon Olefins are evolved above 250C. At 650C (1202F), COF<sub>2</sub> (carbonyl fluoride) is the principal toxic product. At above 650C, major products are CF<sub>4</sub> and CO<sub>2</sub>.**

#### **SECTION 11: Toxicological information**

**No toxicology data available**

#### **SECTION 12: Ecological information**

**No ecological information is available**

**SECTION 13: Disposal considerations**

**Waste disposal methods: Land fill is preferred but disposal methods must conform with local, state and federal regulations.**

**SECTION 14: Transport information**

**Transport information: N/A**

**SECTION 15: Regulatory information**

**Non-hazardous product. Not applicable**

**SECTION 16: Other information**

**Date prepared: February 8, 2009**