

MATERIAL SAFETY DATA SHEET
LOX-8 GREASE

SECTION 1: Product and Company Identification

Product Name: Lox-8 Grease
Synonyms: Oxygen-compatible Grease

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: Grease / Lubricant

SECTION 2: Composition/Information on Ingredients

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

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

	NFPA Codes	HMIS Codes
Health	1	1
Flammability	1	1
Reactivity	0	0
Personal Protection		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 H₂O=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, Cl₂, Hydrogen Fluoride gas -

Perfluorocarbon Olefins are evolved above 250C. At 650C (1202F), COF₂ (carbonyl fluoride) is the principal toxic product. At above 650C, major products are CF₄ and CO₂.

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