

MATERIAL SAFETY DATA SHEET

IDENTITY: LOX-8 PASTE

Chlorotrifluoroethylene Telomer/Polytetrafluoroethylene
Chlorofluorocarbon/Fluoropolymers - CF₂CFCL n-plus SiO₂ (CF₂-CF₂)_n

MANUFACTURER: Fluoramics Inc.
ADDRESS: 18 Industrial Avenue,
Mahwah, N.J. 07430
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DATE PREPARED: JANUARY 2003
PREPARED BY: F.G. Reick,
President

CAS NUMBERS:

Polychlorotrifluoroethylene: 9002 83 9
Polytetrafluoroethylene: 9002 84 0
Silicondioxide aerogel: 686 11 44 9
Pigment Cobalt Titanate Green Spinel: 68186 85 6

SECTION 1 - COMPONENTS

COMPONENTS	%	ACIH - TLV
Silicondioxide aerogel	.01	
Pigment Cobalt Titanate Green Spinel	.01	
Polychlorotrifluoroethylene	49.99	
Polytetrafluoroethylene	49.99	

This product is NOT hazardous as defined in OSHA Communication Standard
29 CFR 1910.1200

Material is not known to contain toxic chemicals
under Section 313 of Title III of the SARA of 1986 and 40 CFR Part 372
NAFTA # 390490.0000-2

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS*

Boiling point: Mixture
Vapor Pressure: less than 0.01
Vapor Density: N/A
Solubility in Water: N/A

Specific Gravity (H₂O=1): CA 2.0
Melting Point: N/A
Evaporation Rate (butyl acetate=1):
less than 1
Water Reactive:
Appearance and Odor: Green -
odorless

SECTION 3 - FIRE & EXPLOSION HAZARD DATA

Flash Point & Method Used: N/A (Non-burning)
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
NIOSH
Unusual fire and Explosion Hazards: Toxic fumes given off above 932° F (500° C)

	NFPA CODES	HMS CODES
HEALTH	1	1
FLAMMABILITY	1	1
REACTIVITY	0	0
PERSONAL PROTECTION		B

SECTION 4 - REACTIVITY HAZARD DATA

Stability: Stable

Conditions to Avoid: Temperature above 250° without adequate ventilation

Incompatibility (Materials to Avoid): Melted alkali metals, Interhalogen compounds

Hazardous Decomposition or ByProducts: HF, Cl₂. Hydrogen Fluoride gas -

Perfluorocarbon Olefins are evolved above 250° C. At 650°C (1202°F), COF₂ is the

principal toxic product. At above 650°C, major products are CF₄ and CO₂.

Hazardous Polymerization: Will not occur

SECTION 5 - HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation - Skin - Ingestion

Health Hazards: Treat symptomatically

Signs and Symptoms of Exposure: Labored breathing

Medical Conditions Generally Aggravated by Exposure: For material at ambient, we know of no hazards. For material in high temperature process, polymer fume fever may result from inhaling fumes.

Eye Contact: Wash with copious amounts of water for 15 minutes.

Skin Contact: Remove by wiping and wash with soap and water for 15 minutes

Inhalation: Remove to fresh air, keep warm

Ingestion: Contact a physician. Do not induce vomiting.

Emergency First Aid Procedures: Call a physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): If exposed to high temperature processing fumes, wear self-contained breathing apparatus.

Protective Gloves: Yes, if prolonged skin contact

Eye Protection: Goggles if contact is probable

Ventilation to be Used:

Other Protective Clothing and Equipment:

Hygienic Work Practices: Use normal personal hygiene and good housekeeping.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE LEAK PROCEDURES

Steps to be Taken if Material is Spilled or Released: Clean up with freon or perchloroethylene or equivalent.

Waste Disposal Methods: Comply with local, state and regional regulations.

Precautions to be Taken in Handling and Storage: Strictly enforce NO SMOKING rule for workers handling material. Use normal personal hygiene and good housekeeping.

Other Precautions and/or Special Hazards: Storage: Below 90° F.