

MATERIAL SAFETY DATA SHEET

CHEMGUARD FP-111

SECTION I: Identity

Manufacturer

Chemguard, Inc.
204 South Sixth Ave.
Mansfield, TX 76063
(817) 473-9964
Emergency telephone (817) 473-9964

Chemical name: Proprietary

Chemical family: Perfluorinated polyol

Formula: N/A

CAS No.: N/A

Revision date: 4-30-03

SECTION II: Ingredients

	Hazardous Ingredients	%	CAS No.	ACGIH TLV	Other
Limits	NONE				
	Other Ingredients				
	Proprietary Fluoropolymer	20-21			
	Potassium Chloride	9-10	7447-40-7		
	Propylene Glycol	10-11	57-55-6		
	Hexylene Glycol	4	107-41-5		
	Water	55-57	7732-18-5		

SARA Title III reportable components

NONE

SECTION III: Physical/Chemical Characteristics

Boiling point:	212° F.	Flash point (PMCC):	>140° F.
Melting point:	N/D	Vapor density (air = 1):	N/A
Specific gravity:	1.15 g/cm.	Solubility in water:	miscible
Vapor pressure (mm Hg): NA		Evaporation rate (butyl acetate = 1):	< 1
pH:	8.0 – 8.7	Appearance and odor:	Clear, yellow to caramel liquid

SECTION IV: Fire and Explosion Hazard Data

Flash point (PMCC): >140° F. **Flammable Limits:** Not flammable
Extinguishing media: Compatible with CO₂, dry chemicals, foam, water and halon.
Special Fire Fighting Procedures: None
Unusual Explosion Hazards: None

SECTION V: Reactivity data

Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility: Avoid strong oxidizers and strong acids.
Decomposition Products: CO₂, CO, possibly NH₃

SECTION VI: Health Hazard Data

Routes of entry - Eye: May cause eye irritation.
Inhalation: May cause mild irritation.
Skin: May cause mild irritation.
Ingestion: Not an expected route of entry.

Health Hazard - Acute: Irritation of eyes, skin and mucous membranes.
Chronic: None known.

Carcinogenicity: Not Tested.
OSHA regulated? NO
Medical Conditions Generally
Aggravated by Exposure: Skin irritation to individuals with sensitive skin.
Signs and Symptoms of Exposure: Watering of eyes, reddening of skin.
Emergency and First Aid Procedures: **Eyes:** Flush with water and contact physician.
Skin: Rinse with water. Wash with soap and water.
Inhalation: Remove to fresh air.
Ingestion: Do not induce vomiting. Call Physician.

SECTION VII: Precautions for Safe Handling and Use

Precautions for Handling and Storage: Store in original container.
Release or Spill Measures: Contain and collect spill. Dispose according to Local, State and Federal Regulations.
Waste Disposal Method: Dispose according to Local, State and Federal Regulations. Send to local waste treatment plant only with permission.
Other Precautions: Areas on which a spill occurred may be slippery.

SECTION VIII: Control Measures

Respiratory Protection: Not generally needed
Ventilation: Use if available.
Protective Gloves: Latex or rubber.
Eye Protection: Use safety glasses with side shields, or goggles.
Other Protective Clothing or Equipment: None recommended.
Industrial Hygienic Practices: Clean spills.

