

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List) **Style 207 Jeffite** *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

**Section I**

Manufacturer's Name <b>Frederickseal Inc (Distributor)</b>	Emergency Telephone Number <b>603-668-0900</b>
Address (Number, Street, City, State, and ZIP Code) <b>461 Straw Road Manchester, NH 03102-2594</b>	Telephone Number for Information <b>603-668-0900</b>
	Date Prepared <b>2-1-96</b>
	Signature of Preparer (optional) <b>Larry Jobman</b>

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>GEO Fiber considered non-hazardous material as defined by OSHA</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Chemical name: Polytetrafluoroethylene (PTFE)</b>				
<b>Formula is PTFE, "inert" lubricant &amp; Filler</b>				

**Section III — Physical/Chemical Characteristics**

Boiling Point <b>Inert oil portion</b>	<b>More than 300 dec F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.2</b>
Vapor Pressure (mm Hg)	<b>Less than 5mm</b>	Melting Point	<b>Less than 0</b>
Vapor Density (AIR = 1)	<b>2.1</b>	Evaporation Rate (Butyl Acetate = 1)	<b>Less than 1</b>
Solubility in Water <b>Insoluble (Nil)</b>			
Appearance and Odor <b>black, no odor</b>			

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>Will not flash</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Water, foam, CO<sub>2</sub>, dry chemical</b>			
Special Fire Fighting Procedures <b>Self contained breathing apparatus in close proximity of serious fire to protect against decomposition products of PTFE</b>			
Unusual Fire and Explosion Hazards <b>PTFE will burn when ignited in 100% oxygen.</b>			

(Reproduce locally)

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		
Incompatibility (Materials to Avoid) Not compatible with molten alkali metals, elemental some interhalogen compounds, strong oxidizers, strong reducing agents.				
Hazardous Decomposition or Byproducts Trace amounts of hydrogen fluoride and perfluorocarbon oxides may be evolved above 400 deg. C.				
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

Section VI — Health Hazard Data

Hazardous if Entry: Irritation? N/A Skin? N/A Ingestion? N/A

Health Hazards (Acute and Chronic)

Carcinogenicity: NO NTP? N/A IARC Monographs? N/A OSHA Regulated? Not regist

Signs and Symptoms of Exposure N/A

Medical Conditions None  
Generally Aggravated by Exposure

Emergency and First Aid Procedures None

Section VII — Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled N/A

Waste Disposal Method Approved land fill, disposal methods must comply with local  
state and federal regulations

Precautions to Be Taken in Handling and Storing None required

Other Precautions Care should be taken not to contaminate tobacco and other  
smoking utensils or to incinerate to avoid polymerfume fever with flu-  
like symptoms.

Section VIII — Control Measures

Respiratory Protection (Specify Type) None required

Ventilation	Local Exhaust	Ambient	Special	None
	Mechanical (General)	N/A	Other	None

Protective Gloves Not required Eye Protection Not required

Other Protective Clothing or Equipment None

Work Hygienic Practices Wash hands after handling