

MATERIAL SAFETY DATA SHEET
LILY PRODUCTS OF MICHIGAN, INC.

Date Last Revised: April, 2009

Poly G-3A (Winter Grade)

I. GENERAL INFORMATION

Chemical Name & Synonyms:

Trade Name & Synonyms:
Poly G-3A Shoring Fluid

Chemical Family:
Propylene Glycols

Formula:
Section II

Proper DOT Shipping Name:
Propylene glycol based
hydraulic fluid

DOT Hazard Classification:
Non Hazardous

Manufacturer:
Lily Products of Michigan, Inc.
2070 Calvin, S.E.
Grand Rapids, MI 49507

Manufacturer's Phone Number:
(616) 245-9193
Chemtrec Emergency Telephone:
1-800-424-9300

II. INGREDIENTS

Principal Components:	CAS Number:	%	Exposure Limits:
Propylene Glycol	57-55-6	90 +/- 10%	LD50 Oral Rat 34g/Kg
Alkanol Amide	Not Avail.	1 +/- 0.5%	N/D
Triethanol Amine	102-71-6	5 +/- 3%	LD50 Oral Rat >5g/Kg
Boric Acid Ester	68071-04-5	5 +/- 3%	STEL 6ppm
Hexa Hydrohydroxyethyl Triazine	4719-04-4	0.5 +/- 0.4%	N/D

III. PHYSICAL DATA

Boiling Point: 365F - 364F	Specific Gravity (H2O=1): 1.045
Vapor Pressure (mm Hg.): 0.22	Percent Volatile By Volume (%): 98%
Vapor Density (Air=1): 2.6	Evaporation Rate Nbutyl Actetate=1 <0.01
Solubility in Water: Soluble	pH: at 100% = 8.0 - 9.0
Appearance & Odor: Viscous, amber liquid with mild odor.	

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method): 211F	Auto Ignition Temperature: Not Applicable
Flammable Limits:	LEL: 2.6% UEL: 12.6%
Extinguishing Media: Alcohol foam, water fog, CO2 or dry chemical.	
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus.	
Unusual Fire & Explosion Hazards: None	

NFPA CODES Health - 1, Fire - 1, Reactivity - 0

Threshold Limit Value:
Not Established

OSHA Threshold Limit Value:
Not Established

ACGIH Threshold Limit Value:
Not Established

Carcinogen - NTP Program:
No

Carcinogen - IARC Program:
No

Symptoms of Overexposure:

Possible irritation to skin or eyes. Some components slightly toxic to ingestion.

Medical Conditions Aggravated By Exposure:

None known

Primary Routes of Entry:

Skin and eye contact

Emergency First Aid:

SKIN & EYES - Flush with water 15 minutes. If irritation develops, seek medical attention. INGESTION - DO NOT INDUCE VOMITING. Drink water to dilute and seek medical attention immediately.

VI. REACTIVITY DATA

Stability:

Stable

Conditions To Avoid:

None

Incompatibility, Materials To Avoid:

Strong oxidizers, acids, bases, nitrites, nitrates

Hazardous Polymerization:

Will Not Occur

Conditions To Avoid:

None

Hazardous Decomposition Products:

CO_x NO_x

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response:

Contain spills larger than 1 gallon and use absorbent material to soak up. If the spill is large, contain and pump to a DOT approved drum.

Waste Disposal Method:

Dispose in accordance with all local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection:

Chemical resistant goggles

Skin Protection:

Rubber gloves.

Respiratory Protection:

N/A

Ventilation Recommended:

General

Other Protection:

N/A

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage:

Keep container closed when not in use. Store in cool, dry place away from chemicals listed in Section VI.

Precautions For Repair & Maintenance of Contaminated Equipment:

Not Applicable

Other Precautions:

Not Applicable