

MATERIAL SAFETY DATA SHEET

1. American Polywater Corporation

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**Product Name: GrandSlam® Type Q Pipe Joint
Lubricant - Winter Grade**

Date Reviewed: April 12, 2007
Reviewed By: S. H. Dahlke

Emergency Number: 1-651-430-2270

2. HAZARDOUS INGREDIENTS

<u>Components</u>	<u>CAS #</u>	<u>Weight %</u>	<u>ACGIH TLV</u>	<u>OSHA TWA</u>
Methanol	67-56-1	<12	200 ppm	200 ppm

This product contains no other reportable hazardous components under 29 CFR 1910.1200. All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

Emergency Overview

Thick, creamy gel lubricant containing wax in a water base with methanol to depress freeze point.

In case of eye contact, flush eyes with water. Industrial use only. Very slippery if spilled.

Eye Contact: Direct eye contact may cause eye irritation.

Skin Contact: This product has low skin irritation potential. Methanol may be absorbed through intact skin to produce systemic effect.

Inhalation (Breathing): Prolonged, repeated exposure or breathing high concentrations of methanol vapors may cause headache, nausea, vomiting, dizziness, visual disturbances, unconsciousness, and death. Toxic effects are exerted on the central nervous system, especially the optic nerve.

Ingestion (Swallowing): Material contains less than 12% (by weight) methanol. Swallowing 100-250 mL of straight methanol can be fatal. Swallowing lesser quantities can cause blindness, dizziness, headaches, or nausea. Toxic effects are exerted on the central nervous system, especially the optic nerve.

Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.

4. FIRST AID

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.

Inhalation (Breathing): Remove to fresh air. Seek medical attention.

Ingestion (Swallowing): If swallowed and conscious, immediately induce vomiting by giving two glasses of water and sticking a finger down the throat. Get immediate medical attention. After victim has vomited, have victim drink milk, water, or a solution of sodium bicarbonate in water (1 tsp./qt.). Do not give anything to an unconscious or convulsing person.

5. FIRE AND EXPLOSION HAZARD

Flash Point: None to boiling (PMCC)

Flammable Limits: Unknown

Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Procedures: Self-contained breathing apparatus recommended when fighting fire.

Unusual Hazards: Sealed container can build up pressure when exposed to high heat. Cool containers with water.

Hazardous Decomposition Products: High temperature steam, potentially carbon monoxide, carbon dioxide, paraffin wax fumes, and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

GrandSlam® Type Q Pipe Joint Lubricant-Winter Grade is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops. Oxidizing agents, such as household bleach, can be used to eliminate the slippery character. Outside, spills should be covered with sand, dirt, gravel or calcium chloride.

7. HANDLING AND STORAGE

Keep product containers closed when not in use. Avoid spills and clean them up immediately when they occur. Product is very slippery.

8. CONTROL MEASURES

Respiratory Protection: Normal ventilation adequate. Avoid usage in closed, hot environments.

Protective Gloves: For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

Eye Protection: Safety glasses recommended.

9. PHYSICAL DATA

Appearance: Opaque, pale or tan to light-green gel

Vapor Pressure: 18 mm @ 72°F

Specific Gravity (H₂O = 1): .97

Percent Volatiles (Weight): 82-83%

Viscosity: 60,000 cps.

VOC Content. 0 gms/L

Boiling Point: 212°F (100°C)

Vapor Density (Air = 1): >1

Solubility in Water: Partial

Percent Water (Weight): 72-73%

pH: 6.5 to 8.5

10. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid contact with strong oxidizing agents, aluminum, zinc, and metal that displace hydrogen, acids, alkalis, and materials which react with water.

11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Refer to Section 3 for available information on potential health effects.

Based on ingredients, LD₅₀ (rat) is estimated to be well over 50 g/kg

12. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal regulations.

13. TRANSPORTATION

DOT Hazard Class: Not Applicable

DOT Shipping Name: Not Applicable

For domestic purposes, this product is not defined or designated as a hazardous material by the U.S. Department of Transportation.

14. REGULATORY STATUS

Canada WHMIS Class: N/C

**Hazard Categories for SARA
Section 311/312 Reporting****Acute**
Yes**Chronic**
Yes**Fire**
No**Pressure**
No**Reactive**
No**Components**

	CERCLA/SARA Sec. 302	SARA Sec. 313
	<u>Hazardous Substance RQ</u>	<u>EHS TPQ</u>
		<u>Toxic Release</u>

Methanol (CAS#67-56-1)
(contains less than 12%)

Yes (5,000 lbs)

No

Yes (1%)

Disclaimer: The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.