JL-G MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: JL-G Lubricant
Revised: 04/06/09 **Supercedes:** 04/06/06
Prepared by: C. Semerod
Emergency Information: (412) 279-1149

Manufacturer's Name: Superbolt, Inc.
Manufacturer's Address: 1000 Gregg Street, Carnegie, PA 15106
Manufacturer's Phone #: (412) 279-1149

SECTION 2 – HAZARDOUS INGREDIENTS

CHEMICAL NAME:	CAS NO.:	OSHA PEL:	ACGIH TLV:	(STEL)
Graphite	7782-42-5		2 mg/m3	N/A
Silica, Crystalline	14808-60-7		0.05 mg/m3	N/A
Highly Refined Mineral Oil	N/A	5 mg/m3*	5 mg/m3*	10mg/m3*
Proprietary Additives	Mixture (<1%)			

(*) ***Designates limits set by OSHA and the ACGIH for oil mist. This product is sold in a paste form so misting should not occur.***

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Dark Grey Paste, Mild Petroleum
Boiling Point: > 600 degrees F
% Volatile: 0%
Vapor Density: > 2.0 (Air = 1)
Evaporation Rate: N/A
Specific Gravity: 2.20 – 2.35 (Water = 1)
Vapor Pressure: < 0.1 (mmHg)
Solubility in Water: Negligible
pH: N/A

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point: 374 degrees F
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: Carbon Dioxide, Regular Foam, Dry Chemical
Special Fire Fighting Procedures: Fire may produce dense smoke, firefighters should wear self contained breathing apparatus. Use water to cool fire exposed containers.
Unusual Fire & Explosion Hazards: Decomposition and combustion by-products may be toxic. Heated containers may rupture or explode.

SECTION 5 – REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.
Incompatibility: Avoid contact with oxidizing agents, heat, sparks or flame.
Hazardous Combustion By-Products: Carbon Monoxide, Sulfur Dioxide, Aldehydes, and Nitrogen Oxides
Hazardous Decomposition: Thermal decomposition may yield methacrylate monomers.

SECTION 6 – STORAGE & HANDLING

Handling Precautions: Use good personal hygiene practices. Clean contaminated clothing and protective equipment before reuse.

Storage Precautions: Store in a cool dry location. Keep container tightly closed when not in use and during transport. Keep away from open sparks or flames.

SECTION 7 – HEALTH HAZARDS

Effects of Overexposure:
Skin: May Cause Irritation
Eyes: Eye Irritant. May cause redness and blurred vision.
Ingestion: Not Expected
Inhalation: Not Expected (Chronic respiratory diseases may be aggravated by dust exposure.)

NFPA CODES:		HMIS RATING:	
Health:	1	Health:	1
Flammability:	1	Flammability:	1
Reactivity:	0	Reactivity:	0
PPE:	B	PPE:	B

Carcinogenicity: Silica is a suspected carcinogen in the respirable form by the IARC and NTP however, not by the ACGIH or OSHA.

First Aid Procedures:
Skin: Remove contaminated clothing from irritated area. Flush exposed area with mild soap and water. Seek medical attention if irritation persists.
Eyes: Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. If spontaneous vomiting occurs, keep head below hips to avoid aspiration into the lungs. Seek immediate medical attention.
Inhalation: Remove to fresh air. Obtain medical attention if necessary.

SECTION 8 – SPECIAL PROTECTION

Eye Protection: Safety Glasses or Face Shield
Protective Gloves: Recommended
Respiratory Protection: Avoid breathing dust, use an approved respirator if levels exceed OSHA limits.
Ventilation: Local ventilation to maintain levels within OSHA limits.

SECTION 9 – SPILL AND DISPOSAL PROCEDURES

Spill Procedures: Scrape or wipe up any spilled material. Wear proper protective equipment when cleaning up a spill.
Disposal Procedures: Dispose of in accordance with any applicable federal, state, or local laws.

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