

**JL-G MATERIAL SAFETY DATA SHEET****SECTION 1 – PRODUCT IDENTIFICATION**

Product Name: JL-G Lubricant  
 Revised: 04/06/06 Supersedes: 03/07/03  
 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**

| <u>CHEMICAL NAME:</u>      | <u>CAS NO.:</u> | <u>OSHA PEL:</u> | <u>ACGIH TLV:</u> | <u>(STEL)</u> |
|----------------------------|-----------------|------------------|-------------------|---------------|
| 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: Health: 1 HMIS RATING: 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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