



Loctite Corporation

Item # 3995

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name ANTI-SEIZE LUBRICANT (AEROSOL) Part No. 767-59
Product Type _____ Formula No. N/A

II. COMPOSITION

<u>Ingredients</u>	<u>% by Wt.</u>	<u>Hazard</u>
Methylene Chloride*	60-65	Irritant, TLV = 100 ppm
Mineral Oil	20-25	
Copper**	5-10	
Graphite***	5-10	
Aluminum	<3	
Silicon dioxide***	<1	

*Methylene chloride has been shown to cause tumors and reproductive effects in experimental animals on prolonged inhalation. **Copper has been shown to cause tumors in experimental animals by implantation beneath the skin and reproductive effects by high dose ingestion. ***Graphite has been shown to cause reproductive effects in experimental animals by injection beneath the skin. ****Inhalation of pure silicon dioxide dust has been shown to cause pulmonary effects. It is our best technical judgment that, with proper precautions, normal use of this product poses no such hazards.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure ~350 mm at 75°F Specific Gravity Unknown
Vapor Density ~2.9 Boiling Point ~100°F
Solubility in Water Nil pH dna
Appearance Metallic Liquid Odor Mild

IV. TOXICITY AND HEALTH HAZARD DATA

Toxicity Eye irritant. Moderate via ingestion.
TLV 100 ppm (methylene chloride)
Est. Dermal LD 50 >2000 mg/kg
Symptoms of Overexposure Headache, nausea, dizziness. Narcosis at high concentration.

Emergency Treatment Procedures

Ingestion: Induce vomiting. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Flush with water.
Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

Personal Protection

Eyes: Safety glasses or goggles recommended.
Skin: Rubber or plastic gloves recommended.
Ventilation: Provide adequate local ventilation to maintain vapor concentration below TLV.

ANTI-SEIZE LUBRICANT (AEROSOL)

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point None Method T.C.C.
Explosive Limits (% by volume in air) Lower dn % Upper dn %
Recommended Extinguishing Agents CO₂, Foam, Dry Chemical
Hazardous Products Formed by Fire or Thermal Decomposition: Toxic chlorides, metal vapors
Unusual Fire or Explosion Hazards: None
Compressed Gasses Name Carbon dioxide
Pressure at Room Temperature 65 psi

VI. REACTIVITY DATA

Stability Stable Unstable
Hazardous Polymerization May Occur Will Not Occur
Hazardous Decomposition Products (non-thermal)
None
Incompatibility None

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Take up in inert absorbent.
Recommended methods of disposal: Landfill or incinerate in accordance with EPA and local regulations. Do not incinerate pressurized cans.

VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F.
Handling: Keep away from eyes. Avoid prolonged breathing of vapor.

IX. SHIPPING REGULATIONS

Type or Class DOT ORM-D
IATA Class II - Compressed Gas
Proper Shipping Name DOT Consumer-type commodity
IATA Aerosol, non-flammable, n.o.s., toxic Group III

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