

**MATERIAL SAFETY DATA SHEET**  
**Cortec, Spray Technologies Division**  
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EMERGENCY PHONE NO.: (FOR SPILL, LEAK, FIRE,  
EXPOSURE OR ACCIDENT): 1-800-535-5053

\*\*\*\*\* SILICONE LUBE 37008 \*\*\*\*\*

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: Silicone Lube (aerosol)

PRODUCT DESCRIPTION: A non-toxic, all-purpose lubricant containing 4% concentration by weight of food-grade silicone; USDA approved, may be used in all locations of food products processing. Provides excellent lubrication, prevents rust from occurring. **Extremely flammable – not for use on energized equipment!**

RESTRICTIONS: Non-restricted

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT NAME(S)	CAS#	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Heptane	142-82-5	400 ppm	N.E.
Isobutane	75-28-5	800 ppm	N.E.
Propane	74-98-6	1000 ppm	N.E.

Carcinogenic: OSHA = no NTP = no IARC = no

**SECTION III - PHYSICAL DATA**

APPEARANCE: Transparent, colorless liquid  
ODOR: Hydrocarbon odor  
BOILING POINT: -15 degrees F. (-26.12 degrees C.)  
VAPOR DENSITY (Air = 1): >1  
VAPOR PRESSURE: 4380 mmHg  
SOLUBILITY IN WATER: Negligible (< 5% by weight)  
SPECIFIC GRAVITY: 0.65  
EVAPORATION RATE (Ether = 1): >1

**SECTION IV - FIRE AND EXPLOSION DATA**

HMIS RATING: Health – 1, Fire – 4, Reactivity - 0  
FLASH POINT: -134 degrees F. (-91 degrees C.)  
FLAMMABLE LIMITS: LEL: 1.8 UEL: 9.5  
EXTINGUISHING MEDIA: Dry chemical, foam, CO2  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable vapors are heavier than air, may travel to ignition sources distant from point of material handling where they may be ignited by pilot lights, fires, sparks, heaters, electric motors, static discharge or other ignition sources. Heated containers may become over-pressurized and fail explosively.  
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus and protective clothing. Cool fire-exposed aerosols with water fog.

**SECTION V - HEALTH HAZARD DATA**

EMERGENCY AND FIRST AID PROCEDURES:  
Eye Contact: Flush eyes with water for at least 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. If irritation develops or persists, consult a physician. Inhalation: Move victim to fresh air, administer oxygen if necessary. If victim has stopped breathing, begin CPR, get medical immediate medical attention. Ingestion: If material is swallowed, consult a physician immediately.

DO NOT induce vomiting unless physician directed. If spontaneous vomiting occurs, keep victim's head below hips to prevent aspiration of vomitus into lungs.  
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Pre-existing skin conditions.  
PRIMARY ROUTES OF ENTRY: Inhalation, skin and eye contact.  
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE: Excessive inhalation of high vapor concentrations may cause dizziness, weakness, fatigue, nausea, headache, unconsciousness. Extreme inhalation overexposure may cause asphyxiation. Aspiration of this material into lungs can cause chemical pneumonitis which may be fatal.

**SECTION VI - REACTIVITY DATA**

STABILITY: Stable under normal use and storage conditions.  
HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION PRODUCTS (under fire conditions): Oxides of carbon, traces of silicates.  
INCOMPATIBILITY: Avoid strong oxidizing agents.  
CONDITIONS TO AVOID: Contents are extremely flammable. Avoid heat, flame, sparks, other potential ignition sources.

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Immediately extinguish ignition sources, ventilate area. Take up spilled material on an inert, absorbant material and place into a DOT approved closed-top container for disposal. Prevent spilled material from entering sewers or drains.  
WASTE DISPOSAL: Dispose of waste or unwanted product in accordance with existing Federal, State and Local environmental regulations. Waste may be reclaimed or incinerated by permitted facilities.

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

RESPIRATORY PROTECTION: Not normally required; mechanical (general) ventilation is generally adequate. Wear a NIOSH approved organic vapor respirator in nuisance-level vapor concentrations, a positive pressure, air-supplied respirator in high vapor concentrations or oxygen-deficient atmospheres.  
PROTECTIVE GLOVES: PVA or viton gloves  
EYE PROTECTION: Safety glasses, splash goggles, face shield.  
OTHER PROTECTIVE EQUIPMENT: Eye wash station.

**SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA**

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid excessive inhalation of vapors. Use in a well-ventilated environment. Intentional inhalation of contents is harmful and may be fatal.  
PRECAUTIONS TO BE TAKEN IN STORING: Store containers below 120°F (48°C), away from heat or ignition sources, open flame, out of direct sunlight.

**SECTION X – SHIPPING DATA**

U.N./N.A. NUMBER: UN1950  
DOT/IATA SHIPPING NAME: Aerosols, flammable, (each not exceeding 1L capacity)  
DOT/IATA HAZARD CLASS: 2.1  
DOT/IATA REQUIRED LABELS: 2, Flammable gas (air shipment only)  
DOT EXCEPTION: See Code 49 section 172.101, column (8A). Section 173.306(h) permits "limited quantity" materials (inner packagings which do not exceed 1L capacity / 61 cubic inches and for which internal pressures do not exceed 180

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psig at 130 degrees F.) meeting section 171.8 definition of "consumer commodity" to be renamed "Consumer commodity", reclassified as ORM-D when shipped via ground mode, domestically.

IMDG SHIPPING NAME: Aerosols, flammable, (each not exceeding 1L capacity)

FREIGHT CLASS: NMFC 155250

LTL: 65

TL: 35

MW:30

T.S.C.A STATUS: All components listed

PREPARED BY: Roger Hanson

DATE PREPARED: 01-26-00      SUPERSEDES: 01-13-00

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N.E. = NOT ESTABLISHED      N.A. = NOT APPLICABLE