

MATERIAL SAFETY DATA SHEET

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After Business Hours, Emergency Only: 770-425-0114

SECTION I – PRODUCT IDENTIFICATION

Product Name: RUSH SILICONE LUBRICANT
Chemical Family: Silicone oil and blended solvent
Latest Revision Date: 11/01

SECTION II – HAZARDOUS INGREDIENTS & OTHER COMPONENTS

Ingredient	% by Weight	Exposure Limits		CAS #
		OSHA PEL	ACGIH TLV	
Heptane	10-70	300		142-82-5
Propane	30-60	1000		75-28-5
Isobutane	30-60	1000		74-98-6

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS

SECTION III – PHYSICAL DATA

Boiling Point:	-140 *F	Specific Gravity (Water = 1):	Approx. 0.61
Vapor Pressure:	psig @ 70 Deg. F = 25-35	Percent Volatile by Wt:	93%
Vapor Density (Air=1):	>4	Evaporation Rate (Ethyl Ether=1):	>1
Solubility in Water:	Insoluble		
Appearance/Odor:	Clear, water white solvent with faint “ether-like” odor.		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Flammable aerosol, Level three (3) storage.
Flash Point: -45* C **Flammable Limits:** **LEL:** 1.4 **UEL:** Unk
Special Fire Fighting Procedures: Direct water stream on aerosol containers to prevent rupturing. “Burst cans may rocket.”
Extinguishing Media: Foam, CO2, dry chemical.
Unusual Fire & Explosion Hazards: Contents under pressure. Exposure to temperatures exceeding 120 Deg. F. may cause bursting. Extremely flammable. Containers may “rocket” out of localized area causing possible injury.

SECTION V – HEALTH HAZARD DATA

Primary Route(s) of Entry:

Inhalation? Dermal ? Ingestion ?

Effects of Overexposure:

EYES: Severe irritation, pain, redness.

SKIN: May cause chemical burning. Systemically toxic concentrations may occur following absorption through damaged skin and could cause liver and kidney injury.

INHALATION: Extended exposure causes mild irritation to eyes, nose, and drunkenness and in coordination. Chronic overexposure or exposure to extremely high concentrations can cause unconsciousness and death. Cardiac sensitization to circulating epinephrine-like compounds can result in sudden fatal cardiac arrhythmias.

INGESTION: Ingestion of small single doses practically non-toxic. Swallowing excessive amounts can cause severe gastrointestinal irritation, nausea, vomiting, stomach cramps. If vomiting occurs, material can be aspirated into lungs, which can cause chemical pneumonia and systemic effects, central nervous system depression.

Carcinogenicity: NPT? No IARC? No OSHA? No

Medical Conditions Generally Aggravated by Exposure: Acute and chronic kidney, liver disease, rhythm disorders of the heart, neuritis and other disorders of the central nervous system.

Emergency and First Aid Procedures:

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists get medical attention.

SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing, including shoes. Get medical attention.

INGESTION: DO NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing is difficult administer oxygen. Give artificial respiration if breathing is stopped. Keep person warm, and quiet. Get medical attention.

SECTION VI- REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Avoid temperatures above 120* F., aluminum equipment fittings, etc.

Hazardous Decomposition Byproducts: CO, CO2

Incompatibility: Strong-oxidizers

Hazardous Polymerization: Will not occur

Conditions to Avoid:

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Large spills unlikely due to container size. Ventilate area. Wear NIOSH approved self-contained breathing apparatus if TLV is exceeded. Soak up with oil absorbent material and place in container for disposal. Do not allow material to come in contact with foodstuff.

Waste Disposal Method: Dispose of in accordance with all local, state and Federal regulations.

Precautions to be taken in handling and storing: Contents under pressure. Do not use or store at temperatures exceeding 120* F. Keep out of reach of children. Other precautions: Do not puncture or incinerate container. Use only in well ventilated area in order to maintain below TLV. Do not allow material to contaminate soil or groundwater.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved air supplied respirator if TLV is exceeded.

Ventilation: Local Exhaust: Sufficient to maintain below TLV. **Mechanical:** (General) sufficient to maintain below TLV.

Protective Gloves: Solvent resistant neoprene.

Eye Protection: Safety glasses with safety side shields.

Other Protective Clothing and Equipment: Sufficient to prevent skin contact. Work/hygienic practices: Provide adequate ventilation. Do not smoke around work area. Wash hands before eating or smoking.

SECTION IX – SPECIAL PRECAUTIONS

Use only in well ventilated area. Avoid breathing of vapors or spray mist. Do not use or store around sources of heat, sparks, or open flames. Do not use or store above 120 degree F. Do not puncture or incinerate container. Keep out of reach of children.

SECTION X – SUPPLEMENTARY INFORMATION

SARA Title III:

RATING SCALE

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

HMIS Classification: Health: 1

Flammability: 3

Reactivity: 0

NFPA Classification: Health: 1

Reactivity: 0

Fire: 3

Special _____

Periodically user should request new MSDS to assure it matches current formulation. The above information is accurate to the best of our knowledge. However, since data safety standards, and Government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, QPL, Corp. makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.