

MATERIAL SAFETY DATA SHEET

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 THE SPECIALTY DIVISION
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LUBE/KRI

*Krylon - Silicone
 Spray*

Lubricants

CAS No.	SECTION II HAZARDOUS INGREDIENT (percent by weight)	ACGIH TLV <STEL>	OSHA PEL <STEL>	Units	Vapor Pressure (mm Hg)	1322 Open Gear & Wire Rope	1324 All Purpose Silicone	1328 Food Grade Silicone	1332 Leak-Off Penetrating	1347 Ten-40 Indust. Str.	1348 Paintable Silicone MR
74-98-6	Propane (propellant)			PPM	760.0	15	15	15			15
106-97-8	Butane (propellant)			PPM	760.0	15	14				15
124-38-9	Carbon Dioxide			PPM	760.0				3	3	
64742-88-7	Mineral Spirits			PPM	0.5					72	
111-76-2	2-Butoxyethanol			PPM	0.6					5	
110-54-3	Hexane			PPM	127.0		32	80			66
64741-97-5	Petroleum Distillates			Mg/M3	2.0					2	
68551-20-2	Heavy Aliphatic Naphtha				1.0				82		
64742-48-9	V. M. & P. Naphtha			PPM	12.0	18	32				
64742-65-5	Aliphatic Petroleum Distillates			Mg/M3	2.0				12		
64742-47-8	Mineral Spirits			PPM	2.0	21					
64742-93-4	Petroleum Asphalt					26				14	
8012-95-1	Paraffin Oil			Mg/M3						2	
	Barium Compounds										
	Antimony Compounds										
	VOC as a percent by weight excluding federally exempt solvents					69	93	95	85	79	95
	HMIS® Ratings (Health - Flammability - Reactivity)					2-4-0	2*-4-0	2*-4-0	2-2-0	2-4-0	2*-4-0

Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

Section III - PHYSICAL DATA

PRODUCT WEIGHT - N.A.
 SPECIFIC GRAVITY - N.A.
 BOILING RANGE - <0-395 °F
 VOLATILE VOLUME - >60 %

EVAPORATION RATE - Faster than Ether
 VAPOR DENSITY - Heavier than Air
 MELTING POINT - N.A.
 SOLUBILITY IN WATER - N.A.

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION FLASH POINT <0 °F PHCC LEL 0.7 UEL 12.8
 For product 1332 - FLASH POINT 144 °F
 Extremely Flammable, Flash below 21 °F
 EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam
 UNUSUAL FIRE AND EXPLOSION HAZARDS
 Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
 SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section V - HEALTH HAZARD DATA

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

ACUTE Health Hazards

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

EMERGENCY AND FIRST AID PROCEDURES

If INHALED - If affected, remove from exposure. Restore breathing. Keep warm and quiet. Wash affected area thoroughly with soap and water.
 If on SKIN - Remove contaminated clothing and launder before re-use.
 If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
 If SWALLOWED: Seek medical attention.
 CHRONIC Health Hazards

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen

Prolonged and repeated overexposure to Hexane may cause damage to nerve tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. This effect may be increased by the presence of Methyl Ethyl Ketone.

Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage

Section VI - REACTIVITY DATA

STABILITY - Stable
 INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Metals in Section II
 HAZARDOUS POLYMERIZATION - Will Not Occur

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Waste from products containing 1,1,1-Trichloroethane may also require extractability testing.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and local regulations regarding pollution.

Section VIII - PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

Wear safety spectacles with unperforated sideshields.

Section IX - PRECAUTIONS

NFPA Code JOB Level -- 3

DOL STORAGE CATEGORY -- 1A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke -

Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, radiators, stoves, hot water, and other heat sources could cause

120 °F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause

container to burst. Do not take internally. Keep out of the reach of children.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X - OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65

Products 1322 and 1324 contain a chemical/s known to the State of California to cause cancer, birth defects and other reproductive harm.

Products 1328 and 1348 contain a chemical/s known to the State of California to cause cancer.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.