

01/25/01

MATERIAL SAFETY DATA SHEET

MSDS ID: 50079  
S-46+ 100% SILICONE 110Z NW  
\*NONE

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Revised 1/25/01  
Replaces 5/25/99

LAWSON PRODUCTS, INC.  
1666 EAST TOUHY AVENUE  
DES PLAINES, IL 60018

Emergency/Information Telephone:  
888-426-4851

Formula: 54529  
MSDS Effective: 01/25/01

Section I - Product Identification

Part Number: 50079  
Product Name: S-46+ 100% SILICONE 110Z NW  
Trade Name/Synonyms: SILICONE SPRAY  
Chemical Family: AEROSOL LUBRICANT

Section II - Hazardous Ingredients

Ingredient	CAS No.	WT %	Pel	TLV	Stel	Units	LC50, PPM	LD50, MG/KG
HEPTANE	00142-82-5	70-75	400	400	500	PPM	MIC 18333	N/A
N-BUTANE	00106-97-8	10	800	800	N/A	PPM	RAT277374	N/A
PROPANE	00074-98-6	10	1000	N/A	N/A	PPM	MLO 10000	N/A
TOLUENE	#00108-88-3	TRACE						
BENZENE	#00071-43-2	TRACE						
OSHA NON-HAZARDOUS @								
POLYDIMETHYLSILOXAN@	63148-62-9	<6						

Section III - Physical Data

Boiling Pt Deg F/C: N/A  
Vapor Pressure (MM HG): N/A  
Vapor Density (Air=1): Heavier than air  
Solubility In Water: NIL  
Physical State: AEROSOL  
Freeze PT Deg F/C: N/A  
Appearance And Odor: Clear liquid, solvent odor  
Voc: Lbs/Gal=5.24; Grams/Liter=629; Grams Voc/Gram Solid=N/A; % Voc 95  
Specific Gravity: 0.67  
% Volatile Volume: 96  
Evaporation Rate: Faster than ether  
Water/Oil Dist Coeff: 0  
PH: N/A  
Threshold Odor, PPM: N/A

Section IV - Fire and Explosion Hazard Data

Classification: FLAMMABLE AEROSOL  
Combustion Products: CO, CO2  
Flash Point Deg F/C: PROPELLANT < 0 F/-18 C  
Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide  
Auto Ign. Temp Deg F/C: N/A  
Special Fire Fighting Procedures:  
Firefighters should wear self-contained breathing equipment.  
NFPA Rating: 1,4,0  
HMIS: 1,4,0  
Lel%: 1.1 Uel%: 10.0

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Section IV - Fire and Explosion Hazard Data (Cont.)  
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Unusual Fire And Explosion Hazards:

Exposure to fire, heat or prolonged sunlight may cause bursting. If used in confined spaces, hazardous vapors may spread, burn or build up in low areas. Contact with flame or hot surfaces may product toxic gases.

Explosive Power: HIGH  
Burning Rate: HIGH  
Impact Sensitive: No  
Static Sensitive: Yes FLAMMABLE

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Section V - Health Hazard Data  
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Routes Of Entry: SKIN CONTACT, EYE, INHALATION

Effects Of Overexposure:

Causes eye, skin & respiratory system irritation. Excess inhalation may cause dizziness, giddiness & nausea. Extreme overexposure may result in unconsciousness & possible death. Prolonged & repeated inhalation may be harmful to respiratory system, central nervous system, liver & kidneys. Repeated & prolonged overexposure to solvents may cause permanent damage to central nervous system. Misuse or deliberate inhalation may be harmful or fatal. Ingestion causes nausea, cramps, vomiting, diarrhea. Warning: This product contains chemicals known to the State of California to cause cancer & birth defects or other reproductive harm.

Any suspected carcinogen = or > 0.1%?: No

Emergency and First Aid Procedures:

EYE: Immediately flush with plenty of water for 15 min. & call physician.  
SKIN: Wash thoroughly with plenty of water & soap. Launder contaminated clothing before reuse. INHALATION: If affected, remove to fresh air, administer oxygen & call physician. INGESTION: Seek physician immediately, show label or MSDS. Do not induce vomiting. Give 1-2 glasses of water.

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Section VI - Reactivity Data  
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Stable: Yes  
Conditions to Avoid: N/A  
Incompatibility (Materials to Avoid): No  
Hazardous Decomposition Products: CO, CO2  
Hazardous Polymerization: No

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Section VII - Spill or Leak Procedures  
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Listed In: SARA Title III; #302: No #304, Cercla: No #313: No

Steps to be Taken in Case Material is Released or Spilled:

Remove all sources of ignition. Ventilate the area. Clean up with absorbent material.

Disposal Method:

Dispose of wastes in accordance with federal, state, and local regulations.  
Do not puncture, incinerate or burn containers.

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Section VIII - Safe Handling and Protection Information

Ventilation-Local: Recommended  
Mechanical: Required  
Protective Gloves: See Below  
Special: N/A  
Other: N/A  
Eye Protection: Safety Glasses  
Precautions in Use:  
If ventilation is inadequate, wear approved respiratory equipment. Do not spray near sparks, flame or heated surface. GLOVES: None required under normal application where skin contact is minimal.  
Estimated LD50, MG/KG: No  
Estimated LC50, PPM: No  
Sensitization: No  
Irritant: Yes EYES, SKIN  
Synergistic Agents: No

Section IX - Special Precautions

Precautions to be Taken in Handling and Storing:  
Keep away from heat, sparks, flame or sources of ignition. Do not puncture, incinerate, burn or store containers above 120F(49C). Use only in well ventilated areas. Do not breathe vapor or spray mist. Avoid contact with eyes, skin & clothing. Wash thoroughly after using. In case of accident or illness, seek physician immediately, show label or MSDS.  
Other Precautions:  
Keep out of reach of children. Always read & follow directions on product label. Additional technical data sheets and/or material safety data sheets (MSDS) are available upon request. For professional & industrial use only.

Symbols, Abbreviations and Notations:

‡=Listed in SARA Title III Section 313; @=Non-hazardous ingredient among the 5 most predominant substances; +=Contains encapsulated Silica-Crystalline or Carbon Black.  
Normal product usage should not result in respirable dust that would be hazardous to the respiratory system; N/A=Not available or applicable; \*=If found as dust, mist or fume; C=Ceiling limit; S=Skin designation; M=Human; RAB=Rabbits; GPG=Guinea Pigs; MIC=Mice; I=Ingestion; A=Skin absorption; LO=Little observable effect; NO=No effect; Pel=OSHA permissible exposure limit; TLV=ACGIH threshold limit value; Stel=Short term exposure limit.

All components of this product are listed or are exempt from listing on the TSCA inventory and/or the Canadian DSL or NDSL. MSDS prepared by the Corporate Compliance department.

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