

VAPCO PRODUCTS DIV.**401 Marshall Road****Valley Park, MO 63088**

For Customer Service call: (636) 923.2121

Emergency Telephone: (800) 255-3924**SILICONE SPRAY FOOD GRADE****HMIS: 0-0-0****NFPA: 2-0-1**

Data Sheet: 129

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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens are identified with an asterisk (*) in this section.

Ingredient(s)	ACGIH TLV	Percent	OSHA PEL
Methylene Chloride CAS #: 75-09-2	50 ppm	70-80	500 ppm
Propane CAS #: 74-98-6	1000 ppm		1000 ppm
Isobutane CAS #: 75-28-5	800 ppm		Not Established

SECTION 2: HAZARDS IDENTIFICATION**Permissible Exposure Limits:** Not established for this product.**Effects of Acute Overexposure:****Eyes:** Exposure to liquid, vapor, or mist may cause moderate to severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and eye damage.**Skin:** Irritation due to defatting of tissue.**Breathing:** Nausea, dizziness, coordination impairment on long exposure.**Swallowing:** Nausea, headache and vomiting.**Primary Route(s) of Entry:** Skin contact, eye contact, and inhalation.**Medical Conditions Aggravated by Exposure:** Skin allergies, chronic chemical sensitivity, asthma, emphysema.**Note:** Overexposure to Methylene Chloride has apparently been found to cause the following effects in laboratory animals: liver abnormalities and lung damage.**Carcinogenicity:** Overexposure to Methylene Chloride can raise the level of carbon monoxide in the blood causing cardiovascular stress. Methylene Chloride is listed as a potential carcinogen (2 B) by IARC. Results of laboratory animal tests show that Methylene Chloride produced: benign tumors in rats exposed to 500 ppm, cancer in rats and mice exposed to 1500 ppm and higher, but not in hamsters. It increased the rate of spontaneously occurring malignant tumors in the B6C3F1 mouse. Epidemiology studies failed to show a tumorigenic response in plant workers. Methylene Chloride is not believed to pose a measurable cancer risk to man when handled as recommended.**Chronic Effects of Overdose:** Unknown, but not likely to occur from aerosol use.**SECTION 3: FIRST AID MEASURES****EYES:** Immediately remove individual from exposure area into fresh air. Flush eyes with water for at least 30 minutes while holding eyelids apart. Seek immediate medical attention.**SKIN:** Remove contaminated clothing immediately. Discard contaminated shoes. Wash exposed area with large amounts of soap and water. If irritation persists or open sores develop, get immediate medical attention.**BREATHING:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person warm, quiet and get immediate medical attention. If possible do not leave person unattended.**SWALLOWING:** Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If the individual is conscious and alert, immediately rinse mouth with water and dilute the swallowed material with milk or water. Seek immediate medical attention.**SECTION 4: FIRE FIGHTING MEASURES****Flash Point:** NA.**Explosive Limit:** Not Established for product.**Extinguishing Media:** Foam, CO₂, Dry Chemical, Halon.**Fire Fighting Procedures:** Wear Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fire fighting.**Special Fire and Explosion Hazards:** Exposure to temperatures over 120F may cause bursting or venting. Flames may cause hazardous fumes: Carbon Monoxide, phosgene, chlorine and hydrogen chloride.

SECTION 5: ACCIDENTAL RELEASE MEASURES

Small Spill: Mop up, soak up immediately. Remove to out of doors.

Large Spill: Evacuate area. Contain liquid; transfer to closed metal containers. Keep out of water supply. no flares, smoking or flames. Use water to reduce vapors. Absorb spill with non-combustible absorbent material. Follow Local, State, and Federal regulations for proper disposal.

SECTION 6: HANDLING AND STORAGE

Do not store where temperatures exceed 120 degrees fahrenheit. Keep containers closed when not in use. Keep away from direct sunlight. Do not transfer to unmarked containers. Loosen closure carefully. Keep out of reach of children.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required under normal conditions of use; however, if sprayed or used in confined areas, a NIOSH / MSHA approved respirator may be advised in absence of proper environmental control. OSHA regulations also permit other NIOSH / MSHA respirators under specified conditions -- see 29 CFR 1910.134 or your safety equipment supplier. Engineering and/or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below recommended exposure limits.

Protective Gloves: Wear chemical resistant gloves such as neoprene or rubber. Contact your safety equipment supplier.

Eye Protection: Chemical splash goggles and a face shield to prevent splash on to the face, in compliance with OSHA regulations, are advised.

Other Protective Equipment: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Boiling Point	NA	Specific Gravity	1.30
Vapor Pressure	50 psig	Percent Volatiles	NA
Vapor Density	>1	Evaporation Rate	>1
Solubility In Water	Insoluble	Reactivity in Water	NDA
Appearance & Odor	Water white - sweet ethereal odor	pH	NA

SECTION 9: STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Stability: Stable.

Incompatibility: Avoid contact with strong oxidizing agents, acidic materials, and metal. Do not mix with any other products.

Decomposition: Open flames can cause thermal degradation with the evolution of hydrogen chloride, phosgene and chlorine.

Materials to Avoid: Possibly sodium, potassium and magnesium.

Conditions to Avoid: Sources of heat.

SECTION 10: TOXICOLOGICAL INFORMATION

No data available at this time.

SECTION 11: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 12: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Local, State, and Federal regulations.

SECTION 13: TRANSPORTATION INFORMATION

Hazard Classification: Consumer Commodity "ORM-D" **DOT Shipping Name:** Compound, cleaning, compressed gas, NOS Section 14: Regulatory Information

SARA Title III, Section 313 chemicals: Methylene Chloride, RQ 1000 lbs.

Proposition 65 : None

SECTION 15: OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.