

MATERIAL SAFETY DATA SHEET

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MSDS Number: PR02 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: Silicone Spray
HMIS Ratings:
 Health: Slight(1)
 Flammability: Extreme(4)
NFPA Ratings:

Other:

Emergency overview Aerosol. FLAMMABLE
 CONTENTS UNDER PRESSURE. Will be easily ignited by heat, spark or flames.
 Hazards Identification
 Routes of exposure Inhalation.
 Potential health effects
 Eyes Contact with eyes may cause irritation. Health injuries are not known or expected under normal use.
 Skin Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Health injuries are not known or expected under normal use.
 Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Do not breathe dust/fume/gas/mist/vapors/spray.
 Ingestion Exposure by ingestion of an aerosol is unlikely.
 Target organs Central nervous system.
 Chronic effects May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage.
 Signs and symptoms Narcosis.

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
Synthetic Isoparaffinic Hydrocarbon	64741-66-8	50 - 60					
Notes							
n-Butane	106-97-8	20 - 30	1000 ppm Not established	Not established	CEILING: Not established		
Notes							
Propane	74-98-6	10 - 15	1000 ppm Not established	1000 ppm Not established	CEILING: Not established		
Notes							
Non-hazardous and other components below reportable levels		2.5 - 10					
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes:	Contact with eyes may cause irritation. Health injuries are not known or expected under normal use.
Skin:	Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Health injuries are not known or expected under normal use.
Ingestion:	Exposure by ingestion of an aerosol is unlikely.
Inhalation:	Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Do not breathe dust/fume/gas/mist/vapors/spray.
Other:	Target organs: Central nervous system.

IV. FIRST AID MEASURES

Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.
Skin:	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. Get medical attention immediately. Wash clothing separately before reuse.
Ingestion:	Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Inhalation:	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Other:	Notes to physician: Symptoms may be delayed.

V. FIRE FIGHTING MEASURES

Flash Point:	-156 °F (-104.4 °C) Propellant
Extinguishing Agents:	Water fog. Foam. Dry chemical. Carbon dioxide (CO ²).
Unusual Fire or Explosion Hazards:	Flammable properties: Vapor or gas may spread to distant ignition sources and flash back. Specific hazards arising from the chemical: Fire may produce irritating, corrosive and/or toxic gases.
Fire Fighting Procedures:	In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	Methods for containment: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Methods for cleaning up: Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.
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VII. HANDLING AND STORAGE

Other:	<p>Handling</p> <p>Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Do not smoke while using or until sprayed surface is thoroughly dry. Do not use if spray button is missing or defective. Use only with adequate ventilation. Avoid prolonged exposure.</p> <p>Storage</p> <p>Level 3 Aerosol.</p> <p>Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Avoid exposure to long periods of sunlight. Keep in an area equipped with sprinklers. Keep out of the reach of children.</p>
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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Wear chemical goggles.
Skin:	Protective gloves. Wear chemical protective equipment that is specifically recommended by the manufacturer.
Respiratory:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless, Compressed liquefied gas
Boiling Point:	118.4 °F (47.8 °C) estimated
Freezing Point:	Not available
pH:	Not applicable
Solubility in Water:	Negligible
Specific Gravity:	0.6688
Vapor Pressure:	40 – 50 psig @ 70F
Vapor Density:	0.6687 g/cm ³ estimated
Physical State:	Liquid. Aerosol.
Other:	Flammability (HOC): 41.154 kJ/g estimated Flash back: Yes

X. STABILITY AND REACTIVITY

Stability:	Risk of ignition. Stable at normal conditions.
Hazardous Decomposition	May include oxides of nitrogen.
Products:	
Incompatible Products:	Strong oxidizing agents.
Conditions To Avoid:	Heat, flames and sparks.

XI. TOXICOLOGICAL INFORMATION

Acute Toxicology Data:	<p>Acute effects:</p> <p>Acute LD50: 3077 mg/kg estimated, Rat, Dermal</p> <p>Acute LC50: 9 mg/l/4h estimated, Rat, Inhalation</p>
Component Toxicology Information:	<p>Selected LD50s and LC50s</p> <p>n-Butane 106–97–8 Inhalation LC50 Rat 658 mg/L 4 h</p> <p>Propane 74–98–6 Inhalation LC50 Rat 658 mg/L 4 h</p> <p>Synthetic Isoparaffinic Hydrocarbon: 64741–66–8 Inhalation LC50 Rat >5.04 mg/L 4 h; Oral LD50 Rat >7000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg</p>

XII. ECOLOGICAL INFORMATION**XIII. DISPOSAL CONSIDERATIONS**

Disposal Method: Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

RCRA Class: D001: Waste Flammable material *

Other: *with a flash point <140 F

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: CONSUMER COMMODITY

D.O.T. Hazard Class: ORM-D

Other: PACKAGING EXCEPTIONS: 156,306
PACKAGING NON BULK: 156,306
PACKAGING BULK: NONE

XV. REGULATORY INFORMATION

EPA Sara Title III Chemical Section 302 extremely hazardous substance : No

Listings: space Section 311 hazardous chemical : Yes
space Hazard categories (311/312)
Immediate Hazard : Yes
Delayed Hazard : No
Fire Hazard : Yes
Pressure Hazard : Yes
Reactivity Hazard : No

Pennsylvania: n-Butane ; 106-97-8 ; Present
Propane ; 74-98-6 ; Present

Other: Inventory status
Country(s) or region
Inventory name
On inventory (yes/no)*
China / Inventory of Existing Chemical Substances in China (IECSC) : Yes
European / Inventory of New and Existing Chemicals (EINECS) : No
Europe / European / List of Notified Chemical Substances (ELINCS) : No
Japan / Inventory of Existing and New Chemical Substances (ENCS) : Yes
Korea / Existing Chemicals List (ECL) : Yes United States & Puerto Rico / Toxic Substances Control Act (TSCA) Inventory / Yes
A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

XVI. OTHER INFORMATION**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.