

MATERIAL SAFETY DATA SHEET

Trade Name: NAPA Silicone Spray
MSDS NO. 8300
Revision Date: 05/11/2005
Date Printed: 05/11/2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: NAPA Silicone Spray
Chemical Family: SILICONE POLYMER SOLUTION
Synonyms: None
Emergency Telephone (24 hr.): 24-Hour Emergency Information: CHEMTREC (800) 424-9300

Supplier: NAPA, P. O. Box 421268, Indianapolis, IN 46241

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLV STEL
Butane 106-97-8	8-12	800 ppm	Not Known	800 ppm	Not Known
Heptane 142-82-5	36-40	500 ppm: 2000 mg/m3	None Established	400 ppm: 1640 mg/m3	500 ppm

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLV STEL
Silicon 63148-62-9	2-4				
Dimethyl ketone 67-64-1	38-42	1000 ppm	750 ppm	500 ppm	750 ppm
Propane 74-98-6	6-8	1000 ppm	Not Known	2500 ppm	Not Known

This product does not contain Normal Hexane (N-Hexane).

3. HAZARDS IDENTIFICATION

Emergency Overview: Keep away from heat, sparks and flame. This material is an eye and skin irritant. Content under pressure. Gross inhalation overexposure may cause: Central nervous system depression with dizziness, confusion, incoordination, drowsiness or unconsciousness or death. This product contains dimethylpolysiloxane which can generate small amounts of formaldehyde as a byproduct of oxidative thermal decomposition beginning at approximately 150 C (300 F). Exposure to formaldehyde can cause adverse effects such as skin and respiratory sensitization and eye and throat irritation. Formaldehyde is a potential cancer hazard. Use good industrial hygiene practices to evaluate and control exposure to formaldehyde when warranted by conditions of use. Warning: Extremely Flammable. This material is readily absorbed through the skin in liquid or vapor phase. Causes respiratory irritation.

HMIS Classification: Health: *2 Flammability: 4 Physical Hazard: 2
NFPA Rating: Health: 2 Flammability: 4 Reactivity: 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Seek medical attention if irritation persists.
Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration. If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing and shoes, and launder before reuse. If irritation persists or signs of toxicity occur, seek medical attention. Wash with soap and water for 15 minutes.

5. FIRE FIGHTING MEASURES

Flammable Properties
Flash Point °F(°C): 15 F (Lowest Component)
Flash Point Method: TAG Closed Cup
Flammable Limits in Air - Lower (%): 1.2% (Lowest Component)
Flammable Limits in Air - Upper (%): 6.7% (Lowest Component)
Autoignition Temperature °F(°C): Not Determined
Extinguishing Media: Carbon dioxide. Dry chemical. Foam. Use water spray to keep containers cool that are exposed to

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heat or flames.

Protection Of Fire-Fighters:

Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.

Hazardous Combustion Products: Carbon Dioxide. Carbon Monoxide.

Aerosol Comments: NFPA Level 3 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.

Spill Procedures: Contain any liquid from leaking containers. Avoid all sources of ignition; heat, sparks and open flames. Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Do not puncture or incinerate container. Contents under pressure. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.

Environmental Precautions: Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

7. HANDLING AND STORAGE

Handling and Storage: Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Use only in a well ventilated area. Caution: Contents under pressure. Keep away from heat and open flame. Do not puncture, incinerate or store above 120 F. Exposure to high temperatures may cause bursting. DO NOT store in the passenger compartment of an automobile.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Use in a well ventilated area.

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Skin Protection: Avoid skin contact. Wear protective clothing and gloves.

Respiratory Protection: Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. Do not breath mist or vapor.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to pale yellow liquid		
Odor:	MILD	pH Value:	Not Determined
Vapor Pressure:	2.3 psia @ 100 F	Vapor Density (Air=1):	3.5 Approximate
Boiling Point (°F):	195 F (Lowest Component)	Melting/Freezing Point:	Not determined.
Solubility in Water:	NEGLIGIBLE	Bulk Density at 20°C:	Not Determined
Molecular Weight:	Mixture	Evaporation Rate:	>1
Viscosity:	Not Determined.	Specific Gravity (H2O=1):	.69 - .79 @ 60 F
VOC Content(%):	59	Decomposition Temperature:	Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.

Conditions to Avoid: Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120 F.

Materials to Avoid: Contact with oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products: Carbon monoxide. Silica. Formaldehyde is a byproduct of oxidative thermal decomposition.

Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Ingredient/CAS No.	wt. %	Route	Species	Dose
Butane 106-97-8	8-12	Inhalation	Rats	LC50, 658 gm/m3/4H
Heptane 142-82-5	36-40	Inhalation	Rats	LC50 103 gm/m3/4H

Ingredient/CAS No.	wt. %	Route	Species	Dose
Silicon 63148-62-9	2-4	Inhalation	Rats	Not known.
Dimethyl ketone 67-64-1	38-42	Inhalation	Rats	LC50 50100 mg/m3/8H
Propane 74-98-6	6-8	NA	NA	Not known.

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Carcinogenicity:

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Butane 106-97-8	8-12	Not Listed	Not Listed	Not Listed
Heptane 142-82-5	36-40	Not Listed	Not Listed	Not Listed

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Silicon 63148-62-9	2-4	Not Listed	Not Listed	Not Listed
Dimethyl ketone 67-64-1	38-42	Not Listed	Not Listed	Not Listed
Propane 74-98-6	6-8	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

13. DISPOSAL CONSIDERATION

Waste Classification: Residues and spilled material are hazardous waste due to ignitability.

Waste Management: Not determined.

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:

Proper Shipping Name: ORM-D CONSUMER COMMODITY
Hazard Class: ORM-D
UN/NA Number: Not Applicable
DOT Packing Group: Not Applicable

IMDG:

Proper Shipping Name: Aerosols (Limited Quantity)
Hazard Class: 2.1
Hazard Subclass: Not determined.
UN No.: UN1950
Packing Group: PG II
Marine Pollutant: No

15. REGULATORY INFORMATION

US Federal Regulations:

Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Butane 106-97-8	8-12	Not Listed	Not Listed	NA	NA
Heptane 142-82-5	36-40	Not Listed	Not Listed	NA	NA

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Silicon 63148-62-9	2-4				
Dimethyl ketone 67-64-1	38-42	Not Listed	Not Listed	NA	NA
Propane 74-98-6	6-8	Not Listed	Not Listed	NA	NA

Hazardous per OSHA 29 CFR 1910.1200

SARA 311/312 Hazard Categories: Not Determined.

State Regulations:

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Butane 106-97-8	8-12	Not Listed	Not Listed	Not Listed	Not Listed
Heptane 142-82-5	36-40	Not Listed	Not Listed	Not Listed	Not Listed

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Silicon 63148-62-9	2-4	Not Listed	Not Listed	Not Listed	Not Listed
Dimethyl ketone 67-64-1	38-42	Not Listed	Not Listed	Not Listed	Not Listed
Propane 74-98-6	6-8	Not Listed	Not Listed	Not Listed	Not Listed

U.S. TSCA: The components of this product are listed on the TSCA Inventory.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Disclaimer:

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