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

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

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</thead>
<tbody>
<tr>
<td>Silicon 63148-62-9</td>
<td>2-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimethyl ketone 67-64-1</td>
<td>38-42</td>
<td>1000 ppm</td>
<td>750 ppm</td>
<td>500 ppm</td>
<td>750 ppm</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>6-8</td>
<td>1000 ppm</td>
<td>Not Known</td>
<td>2500 ppm</td>
<td></td>
</tr>
</tbody>
</table>

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
heat or flames.

Protection Of Fire-Fighters:
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 breathe 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

Boiling Point (°F):
195 F (Lowest Component)

Solubility in Water:
NEGLIGIBLE

Vapor Density (Air=1):
3.5 Approximate

Molecular Weight:
Not determined.

Viscosity:
Not Determined.

VOC Content(%):
59

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:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>Route</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane 106-97-8</td>
<td>8-12</td>
<td>Inhalation</td>
<td>Rats</td>
<td>LC50, 658 gm/m3/4H</td>
</tr>
<tr>
<td>Heptane 142-82-5</td>
<td>36-40</td>
<td>Inhalation</td>
<td>Rats</td>
<td>LC50 103 gm/m3/4H</td>
</tr>
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<td>2-4</td>
<td>Inhalation</td>
<td>Rats</td>
<td>Not known.</td>
</tr>
<tr>
<td>Dimethyl ketone 67-64-1</td>
<td>38-42</td>
<td>Inhalation</td>
<td>Rats</td>
<td>LC50 50100 mg/m3/8H</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>6-8</td>
<td>NA</td>
<td>NA</td>
<td>Not known.</td>
</tr>
</tbody>
</table>
Carcinogenicity:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane 106-97-8</td>
<td>8-12</td>
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<td>Not Listed</td>
<td>Not Listed</td>
</tr>
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<td>6-8</td>
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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:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>SARA 313</th>
<th>SARA 302</th>
<th>RQ</th>
<th>TPQ</th>
</tr>
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<tbody>
<tr>
<td>Butane 106-97-8</td>
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<td>Not Listed</td>
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**MATERIAL SAFETY DATA SHEET**

**Trade Name:** NAPA Silicone Spray

**MSDS NO.:** 8300

**Revision Date:** 05/11/2005

**Date Printed:** 05/11/2005

### Ingredient/CAS No. | wt. % | SARA 313 | SARA 302 | RQ | TPQ
---|---|---|---|---|---
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 |

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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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