1. Product and Company Identification

Product number 767-001
Product name Industrial Silicone Spray - Low Viscosity
Effective date 03-Sep-2010
Company information Sprayway, Inc.
1005 Westgate
Addison, IL 60101 United States
Company phone General Assistance 630-543-7600
Emergency telephone US 800-424-9300
Emergency telephone outside US 703-527-3887
Version # 01

2. Hazards Identification

Emergency overview Aerosol. CONTENTS UNDER PRESSURE, EXTREMELY FLAMMABLE. Will be easily ignited by heat, spark or flames. Harmful in contact with eyes. Prolonged exposure may cause chronic effects.

Potential health effects

Routes of exposure Ingestion. Eye contact. Skin contact.

Eyes Contact may irritate or burn eyes. Eye contact may result in corneal injury.

Skin Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged inhalation may be harmful.

Ingestion Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

Target organs Central nervous system. Lungs.

Chronic effects Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage. Prolonged skin contact may defat the skin and produce dermatitis.


3. Composition / Information on Ingredients

Components CAS # Percent
n-Butane 106-97-8 40 - 50
Aliphatic Petroleum Solvent 64742-89-8 30 - 40
Propane 74-98-6 15 - 20

Non-hazardous and other components below reportable levels 2.5 - 10

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin contact Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops or persists.

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion If material is ingested, immediately contact a poison control center. Do not induce vomiting without advice from poison control center. 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.
5. Fire Fighting Measures

**Flammable properties**
Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

**Extinguishing media**
Suitable extinguishing media: Foam. Dry chemical. Carbon dioxide (CO2). Do not use water jet.

**Protection of firefighters**
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.

6. Accidental Release Measures

**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. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up**
Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

**Handling**
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. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure.

**Storage**
Level 3 Aerosol. Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Level 3 Aerosol. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

8. Exposure Controls / Personal Protection

**Exposure limits**

<table>
<thead>
<tr>
<th>ACGIH Components</th>
<th>CAS #</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butane</td>
<td>106-97-8</td>
<td>1000 ppm</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OSHA Components</th>
<th>CAS #</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

**Personal protective equipment**

**Eye / face protection**
Wear chemical goggles.

**Skin protection**
Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.

**Respiratory protection**
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

9. Physical & Chemical Properties

**Appearance**
Compressed liquefied gas.

**Boiling point**
73.4 °F (22.8 °C) estimated
Color: Colorless.
Flammability (HOC): 39.9278 kJ/g estimated
Flash back: Yes
Flash point: -156 °F (-104.4 °C) Propellant
Form: Aerosol.
Odor: Solvent.
pH: Not Applicable
Physical state: Gas.
Pressure: 50 - 70 psig @ 70F
Solubility: Partially
Specific gravity: 0.6075 estimated

10. Chemical Stability & Reactivity Information

Chemical stability: Risk of ignition.
Conditions to avoid: Heat, flames and sparks.
Hazardous decomposition products: No hazardous decomposition products are known.

11. Toxicological Information

Acute effects: Acute LD50: 6913 mg/kg estimated, Rat, Dermal
Acute LC50: 484 mg/l/4h estimated, Rat, Inhalation

Component analysis - LD50

Toxicology Data - Selected LD50s and LC50s
Aliphatic Petroleum Solvent: 64742-89-8 Oral LD50 Mouse 5000 mg/kg; Dermal LD50 Rabbit 3000 mg/kg
n-Butane: 106-97-8 Inhalation LC50 Rat 658 mg/L/4 h
Propane: 74-98-6 Inhalation LC50 Rat 658 mg/L/4 h

12. Ecological Information

Ecotoxicity: Components of this product have been identified as having potential environmental concerns.
LC50 23.94 mg/L estimated, Fish, 96.00 Hours,
EC50 1657 mg/L estimated, Daphnia, 48.00 Hours,
IC50 14130 mg/L estimated, Algae, 72.00 Hours,

13. Disposal Considerations

Waste codes: D001: Waste Flammable material with a flash point <140 F
Disposal instructions: Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not incinerate sealed containers. 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.

14. Transport Information

Department of Transportation (DOT) Requirements

Basic shipping requirements:
Proper shipping name: Consumer commodity
Hazard class: ORM-D
Subsidiary hazard class: None
Additional information:
Packaging exceptions: 156, 306
Packaging non bulk: 156, 306
Packaging bulk: None
IMDG

Basic shipping requirements:
Proper shipping name: Aerosols
Hazard class: 2.1
UN number: 1950

Additional information:
Packaging exceptions: LTD QTY
Labels required: NONE

IATA

Basic shipping requirements:
Proper shipping name: Aerosols, flammable
Hazard class: 2.1
UN number: 1950

Additional information:
Packaging exceptions: LTD QTY
Labels required: 2.1

15. Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
Yes

CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
Yes

Hazard categories (311/312)
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

Inventory status
Country(s) or region
Inventory name
On inventory (yes/no)*
China
Inventory of Existing Chemical Substances in China (IECSC)
Yes
Europe
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)
No
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)

State regulations
U.S. - Pennsylvania - RTK (Right to Know) List
Aliphatic Petroleum Solvent 64742-89-8
n-Butane 106-97-8
Propane 74-98-6

Present

Further information
HMIS® is a registered trade and service mark of the NPCA.

Product name: Industrial Silicone Spray
Product #: 767-Industrial Silicone Spray - Low Viscosity
HMIS® ratings

- Health: 1*
- Flammability: 4
- Physical hazard: 0

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Prepared by
Regulatory Compliance