



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 945-003  
**Product name** **Silicone Spray**  
**Effective date** 11-May-2010  
**Company information** Sprayway, Inc.  
484 Vista Ave.  
Addison, IL 60101 United States  
**Company phone** General Assistance 1-630-628-3000  
**Emergency telephone US** 800-424-9300  
**Emergency telephone outside US** 703-527-3887  
**Version #** 08  
**Supersedes date** 12-Feb-2010

## 2. Hazards Identification

**Emergency overview** Aerosol. CONTENTS UNDER PRESSURE.  
Irritating to eyes. Irritating to respiratory system. EXTREMELY FLAMMABLE  
Prolonged exposure may cause chronic effects.

**Potential health effects**

**Routes of exposure** Eye contact. Inhalation. Ingestion.

**Eyes** Causes eye irritation.

**Skin** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to respiratory system. 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** May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause delayed lung injury.

**Signs and symptoms** Discomfort in the chest. Narcosis. Coughing. Defatting of the skin. Skin irritation.

## 3. Composition / Information on Ingredients

| Components   | CAS #      | Percent |
|--|------------|---------|
| Propane  | 74-98-6    | 40 - 50 |
| Aliphatic Petroleum Solvent                                | 64742-89-8 | 40 - 50 |
| Odorless Mineral Spirits                                   | 64742-48-9 | 5 - 8   |
| Non-hazardous and other components below reportable levels |            | 1 - 2.5 |

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Continue rinsing.

**Skin contact** Wash off with warm water and soap. Get medical attention if irritation develops and persists.

**Inhalation** If symptoms develop move victim to fresh air. For breathing difficulties, oxygen may be necessary. Get medical attention if symptoms persist.

**Ingestion** Call a physician immediately. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

## 5. Fire Fighting Measures

|  |  |
|--|--|
| <b>Flammable properties</b>                                  | Heat may cause the containers to explode. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.  |
| <b>Extinguishing media</b>                                   |  |
| <b>Suitable extinguishing media</b>                          | Water. Water spray. Water fog. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals.   |
| <b>Protection of firefighters</b>                            |  |
| <b>Protective equipment and precautions for firefighters</b> | In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up. Move containers from fire area if you can do so without risk. Cool containers exposed to flames with water until well after the fire is out. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |

## 6. Accidental Release Measures

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | 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. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas.                                      |
| <b>Methods for cleaning up</b> | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. After removal flush contaminated area thoroughly with water. |

## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Pressurized container: Do not pierce or burn, even after use. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment. Avoid prolonged exposure. |
| <b>Storage</b>  | Level 3 Aerosol.<br><br>Contents under pressure. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Store in a well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol.  |

## 8. Exposure Controls / Personal Protection

### Exposure limits

#### ACGIH

| Components | CAS #   | TWA      | STEL            | Ceiling         |
|------------|---------|----------|-----------------|-----------------|
| Propane    | 74-98-6 | 1000 ppm | Not established | Not established |

#### OSHA

| Components | CAS #   | TWA      | STEL            | Ceiling         |
|------------|---------|----------|-----------------|-----------------|
| Propane    | 74-98-6 | 1000 ppm | Not established | Not established |

### Personal protective equipment

|                               |   |
|-------------------------------|---|
| <b>Eye / face protection</b>  | Chemical goggles are recommended.   |
| <b>Skin protection</b>        | Wear appropriate chemical resistant clothing. Chemical resistant gloves.  |
| <b>Respiratory protection</b> | Wear positive pressure self-contained breathing apparatus (SCBA). If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator. |

## 9. Physical & Chemical Properties

|                      |                            |
|----------------------|----------------------------|
| <b>Appearance</b>    | Compressed liquefied gas.  |
| <b>Boiling point</b> | 46.4 °F (7.8 °C) estimated |

|                           |                                |
|---------------------------|--------------------------------|
| <b>Color</b>              | clear colorless                |
| <b>Flammability (HOC)</b> | 41.9681 kJ/g estimated         |
| <b>Flash back</b>         | Yes                            |
| <b>Flash point</b>        | -156 °F (-104.4 °C) Propellant |
| <b>Form</b>               | Aerosol.                       |
| <b>Odor</b>               | solvent                        |
| <b>pH</b>                 | Not applicable                 |
| <b>Physical state</b>     | Liquid.                        |
| <b>Pressure</b>           | 77 - 87 psig @ 70F             |
| <b>Solubility</b>         | Partially                      |
| <b>Specific gravity</b>   | 0.5915 estimated               |

## 10. Chemical Stability & Reactivity Information

**Incompatible materials** Strong oxidizing agents.

## 11. Toxicological Information

**Acute effects** Acute LD50: 5928 mg/kg estimated, Rat, Dermal  
Acute LC50: 1316 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 |
| Odorless Mineral Spirits    | 64742-48-9 | Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >3160 mg/kg |
| Propane                     | 74-98-6    | Inhalation LC50 Rat 658 mg/L 4 h                          |

## 12. Ecological Information

**Ecotoxicity** LC50 41509 mg/L, Fish, 96.00 Hours,  
EC50 , Daphnia, 48.00 Hours,  
Contains a substance which causes risk of hazardous effects to the environment.

## 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 to hazardous or special waste collection point. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

#### Basic shipping requirements:

|                                |                    |
|--------------------------------|--------------------|
| <b>Proper shipping name</b>    | Consumer commodity |
| <b>Hazard class</b>            | ORM-D              |
| <b>Subsidiary hazard class</b> | None               |

#### Additional information:

|                             |          |
|-----------------------------|----------|
| <b>Packaging exceptions</b> | 156, 306 |
| <b>Packaging non bulk</b>   | 156, 306 |
| <b>Packaging bulk</b>       | None     |

### IMDG

#### Basic shipping requirements:

|                             |          |
|-----------------------------|----------|
| <b>Proper shipping name</b> | AEROSOLS |
| <b>Hazard class</b>         | 2.1      |
| <b>UN number</b>            | 1950     |

#### Additional information:

|                             |         |
|-----------------------------|---------|
| <b>Packaging exceptions</b> | LTD QTY |
| <b>Labels required</b>      | 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** None



|                                   |
|-----------------------------------|
| <b>15. Regulatory Information</b> |
|-----------------------------------|

**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 | Present |
| Odorless Mineral Spirits    | 64742-48-9 | Present |
| Propane                     | 74-98-6    | Present |

|                              |
|------------------------------|
| <b>16. Other Information</b> |
|------------------------------|

**Further information**

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

**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. The information in the sheet was written based on the best knowledge and experience currently available.

**MSDS sections updated**

This document has undergone significant changes and should be reviewed in its entirety.

**Prepared by**

Regulatory Compliance