

(MSDS)

ITEM NUMBER: 066 - SPRAYWAY SPRAY ADHESIVE

VERSION 3 EFFECTIVE DATE: 10/10/05 SUPERCEDES: 4/22/98 PREPARED BY: Regulatory Compliance

Section(s) Revised: II, III, IV, V, VI, VII, VIII, IX

IDENTITY (As Used On Label and List): SPRAYWAY SPRAY ADHESIVE

Emergency Medical Telephone Number 1-866-836-8855 (24 HRS) Outside the U.S.A. Call 952-852-4646

PRODUCT HAZARD RATINGS (HMIS): - Health = 1, Fire = 4, Reactivity = 0, Protective Equipment = B

(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)

**SECTION I**

SPRAYWAY, INC.

DISTRIBUTED BY FREEMAN MFG &amp; SUPPLY CO.

DATE PRINTED: 5/02/06

www.freemansupply.com

800-321-8511

NAME OF PREPARER: Regulatory Compliance

**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

| Chemical Names                  | CAS#       | SARA Title III | ACGIH                     | OSHA         | % By Wt.  |
|---------------------------------|------------|----------------|---------------------------|--------------|-----------|
|                                 |            | SEC 313        | TLV-TWA/STEL              | PEL-TWA/STEL |           |
| Cyclohexane                     | 110-82-7   | Yes            | 100ppm/NE                 | 300ppm/NE    | 20-30     |
| Heptane                         | 142-82-5   | No             | 400ppm/500ppm             | 500ppm/NE    | 10-20     |
| Dimethyl Ether                  | 115-10-6   | No             | NE/NE                     | NE/NE        | 10-20     |
| Liquefied Petroleum Gas Mixture | 68476-86-8 | No             | See below ingredient data |              |           |
| Propane                         | 74-98-6    | No             | 1000ppm/NE                | 1000ppm/NE   | (48-55)   |
| n-butane                        | 106-97-8   | No             | 1000ppm/NE                | NE/NE        | (45-49)   |
| Isobutane                       | 75-28-5    | No             | 1000ppm/NE                | NE/NE        | (0.5-2.0) |

**SECTION III - PHYSICAL CHARACTERISTICS****Boiling Point:** NA Vapor Pressure (psig)(± 5): 46 @ 70°F **Specific Gravity – calculated (H2O=1):** 0.669 ± 0.005**pH:** NA **Solubility/Water:** Insoluble **Vapor Density (AIR=1):** ND **Evaporation Rate (Ether=1):** ND**Appearance and Odor:** Thick, tan, semi-translucent aerosol spray with solvent odor.**SECTION IV - FIRE AND EXPLOSION HAZARD DATA****Aerosol Flammability:** Product is to be labeled as extremely flammable as described in 16 CFR 1500.3 and 1500.45.**Flashpoint:** <0°F (Propellant); <1°F (Concentrate)

Flammable Limits - % Volume In Air: LEL: 1.05% (n-heptane) UEL: 18% (propellant)

**Extinguishing Media:** Use foam, carbon dioxide or dry chemical.**Special Fire Fighting Procedures:** Wear approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans**Unusual Fire and Explosion Hazards:** Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F(48.9°C) may cause cans to burst.**SECTION V - REACTIVITY DATA****Stability:** Stable **Hazardous Polymerization:** NA**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, hydrocarbons.**Incompatibility/Conditions to Avoid:** Avoid strong oxidizing agents, bases and acids. Keep away from heat, sparks, flames and other sources of ignition. Dropping containers may cause bursting.**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry - Inhalation: X Eyes: X Skin: X Ingestion: X

Signs and Symptoms of Exposure: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, nausea, etc. Prolonged or repeated skin contact may defat the skin and cause dermatitis. Allergic reactions may arise in sensitive individuals. Eye irritant.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

**Route(s) of Entry:** Inhalation: Y Eyes: Y Skin: Y Ingestion: N**HAZARDS IDENTIFICATION:****Eye:** Rinse thoroughly with water for at least 15 minutes, holding the eye lids open to be sure the material is washed out. Get immediate medical attention.**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.**Inhalation:** Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.**Ingestion:** Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs rinse mouth with a small amount of water. Immediately call local poison control center or go to an emergency department. Aspiration hazard – DO NOT Induce Vomiting. Never give anything by mouth to an unconscious or drowsy person.**Medical Conditions Aggravated by Exposure:** Persons with pre-existing skin, respiratory and cardiovascular disorders.**CHRONIC EXPOSURE:** None currently known**EMERGENCY AND FIRST AID PROCEDURES:****Eye:** Rinse thoroughly with water for at least 15 minutes, holding the eye lids open to be sure the material is washed out. Get immediate medical attention.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.

**Inhalation:** Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

**Ingestion:** Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs rinse mouth with a small amount of water. Immediately call local poison control center or go to an emergency department. Aspiration hazard – DO NOT Induce Vomiting. Never give anything by mouth to an unconscious or drowsy person.

**CARCINOGENICITY:**

None of the components of this product are listed as carcinogens by IARC, NTP or OSHA

**TOXICOLOGICAL INFORMATION:**

This product has not been tested as a whole. The following is the available toxicity data for the components.

**n-Heptane:**

LC50 Inhalation (Rat): 103 gm/m<sup>3</sup>/4H

**Cyclohexane:**

LD50 Oral (Rat): 12,705 mg/kg

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Releases or Spills:** Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

**Waste Disposal Method:** Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations. Disposal regulations may be different for each state and/or locality.

**Handling and Storing:** Avoid contact with eyes and skin. Avoid breathing vapors and mists. Use only with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health. Store in a cool, well ventilated area at temperatures below 120°F (48.9°C). Do not store in direct sunlight. Store as a flammable aerosol.

Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C). Store as **Level 3 Aerosol (NFPA 30B)**.

**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

**SECTION VIII - EMPLOYEE PROTECTION**

**Respiratory Protection (Type):** None needed under normal use conditions. For operations where the occupational exposure limit may be exceeded, a local authority approved organic vapor respirator or supplied air respirator is recommended.

Equipment selection depends on contaminant type and concentration, select in accordance with good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Ventilation:** General ventilation is adequate under normal conditions; mechanical ventilation is optional.

**Protective Gloves:** Chemical resistant gloves are recommended – consult glove manufacturer to determine the proper type for a specific operation.

**Eye Protection:** Safety glasses are recommended.

**Other Protective Clothing or Equipment:** Protective clothing if needed to avoid prolonged / repeated skin contact.

Suitable washing and eye flushing facilities should be available in the work area.

Contaminated clothing should be removed and laundered before re-use.

**Work/Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals.

Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

**SECTION IX - OTHER REGULATORY CONTROLS**

**FEDERAL:** Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

**STATE RIGHT-TO-KNOW:**

**Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):**

| Chemical                             | CAS Number |                             |
|--------------------------------------|------------|-----------------------------|
| n-Heptane                            | 142-82-5   |                             |
| Cyclohexane                          | 110-82-7   |                             |
| Styrene-Butadiene Rubber/Resin Blend |            | Proprietary (Non-Hazardous) |
| Liquefied Petroleum Gas              | 68476-86-8 |                             |
| Dimethyl Ether                       | 115-10-6   | Y                           |

**CANADA:**

**SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)**

Shipping Name: Consumer Commodity      Hazard Class: ORM-D

NG-- Negligible    NA-- Not Applicable    NE-- Not Established    UN-- Unavailable    ND-- Not Determined

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