

Page 1 MATERIAL SAFETY DATA SHEET (MSDS)

MSDS667 667 668

NUMBER: 668 - Badger

IDENTITY (As Used On Label and List): Propel

EMERGENCY MEDICAL Telephone# 1-800-228-5635 X 009 (24 Hrs) Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS (NFPA): Health = 1, Fire = 4, Reactivity = 1, Protective Equipment = \*B (Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

SECTION I

Badger Air Brush Co
9128 W Belmont Ave
Franklin Park

TELEPHONE NUMBER FOR INFORMATION :

DATE PRINTED : 4/08/02 NAME OF PREPARER : Ron Cepa

IL 60131

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names Exposure Limits (LD50-Oral Rat) SARA Title III SEC 313 ACGIH TLV/TWA OSHA PEL % By Wt.

1,1 Difluoroethane (CAS# 75-37-6) NA NO NE NE >75.0
Butane (CAS# 106-97-8) NA NO 800ppm 800ppm 5-20

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.
Components Listed As A Suspected Carcinogen: None

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: -11 F Vapor Pressure (psig): 53-57 @130F Specific Gravity (H2O=1): <1
Solubility/Water: Negligible Vapor Density (AIR=1): >1 Evaporation Rate (Ether=1): <1
Appearance and Odor: Clear, water white liquid with a sweet odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: This product is considered to be extremely flammable as described in 16CFR 1500.45.
Flammable Limits - % Volume In Air (Propellant): LEL: 4.0 UEL: 17.0
Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used.
Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.
Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.
Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION V - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: NA
Incompatibility (Materials to Avoid): Alkali or alkaline earth metals. Hazardous Decomposition Products: Hydrofluoric acid, carbonyl fluoride, oxides of carbon and additional toxic chemicals may be formed in small amounts.
Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of 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:** Overexposure by inhalation may cause nausea, headache, or temporary nervous system depression with anesthetic effects such as dizziness, confusion, and loss of consciousness. Eye or skin contact with liquid may cause freezing or frostbite. **Medical Conditions Generally Aggravated by Exposure:** Individuals preexisting diseases of the central nervous system or cardiovascular system may have increased susceptibility to the toxicity of excessive vapors.

**Emergency and First Aid Procedures:** **Eye Contact:** Flush eyes with large amounts of water for 15 minutes while holding eyelids open. **Seek medical attention.** **Skin Contact:** Flush skin with water. Treat for frostbite if necessary by gently warming affected area. **Seek medical attention.** **Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. **Seek medical attention.** **Ingestion:** **Seek medical attention.** Not considered a potential route of exposure.

**Notes to Physicians:** Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used with special caution only in situations of emergency life support.

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

**Releases or Spilled:** Remove all sources of ignition and provide good ventilation.  
**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.

**Handling And Storing:** Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 3 Aerosol (NFPA 308).

**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 required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

**Ventilation:** Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

**Protective Gloves:** Optional: Chemical resistant gloves\*.

**Eye Protection:** Chemical safety glasses are recommended\*.

**Other Protective Clothing or Equipment:** Wear impervious clothing to prevent skin contact.

**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 \*\*\*\*\*

**Governmental Listings:** Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

\*\*\*\*\* 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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