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Lapmaster  
International



## MATERIAL SAFETY DATA SHEET

Date: October 2008

### Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster International, LLC  
501 W. Algonquin Road  
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Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)  
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Product Identification: Diamond Aerosol Spray  
Product Name: METS-DSPY-000-000\_ Diamond Aerosol Spray

### Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Diamond, Alcohol and Propellant

| Component Name         | Percentage % | CAS Number  | OSHA PEL | ACGIH TWA           |
|------------------------|--------------|-------------|----------|---------------------|
| Denatured Alcohol      | 40-65%       | Mixture     | 1000 ppm | 1000 ppm            |
| Hydrocarbon Propellant | 35-50%       | 68-476-86-8 | 1000 ppm | 800 ppm (estimated) |
| Isopropyl Alcohol      | 5-20%        | 67-63-0     | 400 ppm  | 400 ppm             |

### Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Extremely Flammable, keep away from sparks-flames.  
Contents under pressure, do not puncture can.

#### POTENTIAL HEALTH EFFECTS:

**EYE:** May cause irritation, excess redness  
**SKIN:** May cause irritation & drying  
**INGESTION:** May cause irritation, nausea, vomiting, lack of coordination, Dizziness, faintness, abdominal discomfort  
**INHALATION:** Can irritate respiratory tract, causing vomiting, nausea, headaches, dizziness and coughing

#### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Repeated over-exposure may aggravate existing dermatitis, liver & kidney disease

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

Health – 2  
Flammability - 4

**SIGNS AND SYMPTOMS OF EXPOSURE:**

No Data Available

**CHRONIC / CARCINOGENICITY:**

NTP: Not Listed  
OSHA: Not Listed  
IARC: Not Listed

**Section #4: FIRST AID MEASURES**

**EYES:** Remove Contacts – Flush eyes with water – If irritated, Seek Medical Attention  
**SKIN:** Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention  
**INGESTION:** Give water, and induce vomiting – Seek Medical Attention  
**INHALATION:** Remove victim to fresh air – Seek Medical Attention

**Section #5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING:** Combustible liquid, flammable. Wear self-contained breathing apparatus. Avoid fume inhalation. Warning – Re-ignition possible.  
**EXTINGUISHING MEDIA:** CO<sub>2</sub>; Dry Chemical; Foam  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide and Carbon Dioxide  
**FLASH POINT:** -127 degrees Fahrenheit (as released from can)  
**Lower Limit:** 1.8 (propellant) 3.3 (ethyl alcohol)  
**Upper Limit:** 9.5 (propellant) 19.0 (ethyl alcohol)  
**CONDITIONS OF FLAMMABILITY:** Can produce a floating fire hazard  
**EXPLOSION DATA:**  
**IMPACT SENSITIVITY:** N/A  
**STATIC DISCHARGE:** May cause explosion

**Section #6: ACCIDENTAL RELEASE MEASURES**

**GENERAL:** Remove all ignition and all spark sources. Confine spill, use local and/or federal regulations in the collecting and disposal of material. Clean-up with large amounts of sand or earth. Do not use combustible materials. Prevent product from entering watercourses.

**Section #7: HANDLING AND STORAGE**

**HANDLING:** Wear Safety Goggles, Use Protective Gloves  
**STORAGE:** Store between 60 & 90 degrees F. Keep containers sealed until ready for use. Avoid (keep away) from sources of ignition.

**Section #8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** N/A

**PERSONAL PROTECTION:**

**EYE/FACE:** Wear Chemical Safety Goggles  
**SKIN:** Use Oil-Resistant Gloves  
**RESPIRATORY:** N/A

**Section #9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Gas-Liquid  
**ODOR AND APPEARANCE:** Various industrial colors, astringent odor  
**BOILING POINT:** 171 degrees Fahrenheit  
**MELTING POINT:** -130 degrees Fahrenheit  
**PH:** N/A  
**VAPOR PRESSURE (mmHg):** 48mm Hg@68 degrees F  
**SPECIFIC GRAVITY:** 0.8 (water = 1)  
**WATER SOLUBILITY:** Yes  
**% VOLATILES:** 100  
**EVAPORATION RATE:** 3.6  
**COEFFICIENT WATER/OIL:** N/A

**Section #10: STABILITY AND REACTIVITY**

**STABILITY:** Stable  
**STABILITY CONDITIONS TO AVOID:** Extreme Heat or Cold  
**REACTIVITY:** Flammable, but not reactive  
**REACTIVITY CONDITIONS TO AVOID:** Exposure to oxidizing agents, inorganic acids, heat or flame

**Section #11: TOXICOLOGICAL INFORMATION**

**ACUTE HEALTH HAZARDS:**  
**ACUTE ORAL:** N/A  
**COMPONENTS:** N/A

**Section #12: ECOLOGICAL INFORMATION**

**GENERAL:** Not expected to present any significant ecological problems

**Section #13: DISPOSAL INFORMATION**

**WASTE DISPOSAL:** Comply with State and/or Federal regulations  
**RCRA HAZARDOUS WASTE:** Contains RCRA hazardous waste, methyl alcohol, ethyl acetate & methyl isobutyl ketone

**Section #14: TRANSPORTATION INFORMATION**

**DOT HAZARD CLASS:** 2.1, Flammable Gas  
**PROPER SHIPPING NAME:** Aerosols, flammable (each not exceeding 1 liter volume)  
**IDENTIFICATION NUMBER:** UN1950  
**TDGA:** Flammable  
**PACKAGING GROUP:**

**Section #15: REGULATORY INFORMATION**

**TSCA STATUS:** All ingredients listed on the TSCA inventory  
**WHMIS CLASSIFICATION:** Unknown  
**SARA Title 111:** Methyl alcohol, methyl isobutyl ketone: section 313

**Section #16: OTHER INFORMATION**

**PREPARED BY:** Product Compliance

**HMIS CODE:** Health 2, Flammability 4, Reactivity 0

**NFPA CODE:** Health 1, Flammability 4, Reactivity 0

**State Right to Know:**

**California 65:** Acetaldehyde and benzene (trace amount)

**Massachusetts:** Acetaldehyde, ethyl acetate, ethyl alcohol, ethylene glycol, isopropyl alcohol, methyl alcohol and methyl isobutyl ketone

**New Jersey:** Denatured alcohol, ethylene glycol, isopropyl alcohol

**Pennsylvania:** Denatured alcohol, ethylene glycol, isopropyl alcohol

The information contained in this Material Safety Data Sheet (MSDS) document is believed to be accurate and reliable. Because it is impossible to anticipate all conditions of use, some additional safety precautions may be required. *LAPMASTER INTERNATIONAL, LLC, MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.* Each user should read and understand the information provided and incorporate it into their individual site safety programs as required by applicable hazard communication standards and regulations.

**ABBREVIATIONS:**

|                  |  |
|------------------|--|
| <b>ACGIG</b>     | <b>American Conference of Governmental Industrial Hygienists</b>         |
| <b>CAS</b>       | <b>Chemical Abstracts Service</b>  |
| <b>EPA</b>       | <b>Environmental Protection Agency</b>                                   |
| <b>PEL</b>       | <b>Permissible Exposure Limit</b>  |
| <b>PPE</b>       | <b>Personal Protective Equipment</b>                                     |
| <b>EPRCA 313</b> | <b>Emergency Planning &amp; Community Right-to-Know Act, Section 313</b> |
| <b>WHIMIS</b>    | <b>Canadian Workplace Hazardous Material Information System</b>          |
| <b>OSHA</b>      | <b>Occupational Health and Safety Administration</b>                     |