

McGill AirSeal LLC  
MATERIAL SAFETY DATA SHEET

MSDS Name: UNI-SPRAY C  
Revision Date: November 24, 2003  
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**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: UNI-SPRAY C  
CAS Number: Mixture  
HMIS Hazard Rating: Health: 2 Fire: 3 Reactivity: 0  
Company Identification: McGill AirSeal LLC  
2400 Fairwood Avenue  
Columbus, OH 43207  
Contact: McGill AirSeal LLC  
Telephone: (800) 624-5535 (614) 443-5520  
Fax: (614) 542-2620  
Chemtrec (24 hour): (800) 424-9300  
Chemtrec International: (703) 527-3887  
Product Class: solvent adhesive  
Product Use: adhesive  
Product Code: 500534, 500535, 500536, 500537, 500538, 500539  
Division: McGill AirSeal

**SECTION 2 - HAZARDOUS INGREDIENTS**

**PRINCIPAL HAZARDOUS COMPONENTS**

Dimethyl Ether	OSHA PEL = N/E (1000ppm recommended)
Methylene Chloride	OSHA PEL = 25 ppm (8 hour TWA) STEL = 125 ppm (any 15 minute period) ACGIH TLV = 50 ppm
Propane	OSHA PEL = N/E (1000 ppm recommended)
Isobutane	OSHA PEL = N/E (1000 ppm recommended)

The chemical composition and percentages are considered trade secrets. This product contains the following chemicals listed under SAR Title III, section 313 above the *de minimus* concentration.

Methylene Chloride	CAS No. 75-09-2	40-45%
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**SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)**

<b>Boiling Point:</b>	N/E	<b>Specific Gravity:</b>	0.83-0.90
<b>Vapor Pressure:</b>	70 psig at 70°F	<b>Percent VOC by Wt:</b>	<35%
<b>Vapor Density (AIR=1):</b>	>1	<b>Evaporation Rate:</b>	>1
<b>Solubility in Water:</b>	Insoluble	<b>Reactivity in Water:</b>	None

**Appearance and Odor:** Clear to light tan or green color, organic solvent odor

**Flammable Limits in Air** Lower: N/E Upper: N/E

(% By Volume)

**Flammable per Flame Projection**

**Extinguisher Media:** Carbon dioxide, dry chemical, foam.

**Auto-Ignition Temperature:** N/E

**Unusual Fire and Explosion Hazards:** Container may burst at elevated temperatures (>120r: N/E Upper: N/E

(% By Volume)

**Flammable per Flame Projection**

**Extinguisher Media:** Carbon dioxide, dry chemical, foam.

**Auto-Ignition Temperature:** N/E

**Unusual Fire and Explosion Hazards:** Container may burst at elevated temperatures (>120°F) and release flammable vapors.

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**SECTION 4 - PHYSICAL HAZARDS**

**Stability:** Stable

**Conditions to Avoid:** Open flames, sources of ignition, high heat

**Incompatible Materials:** Strong oxidizing materials

**Hazardous Decomposition Products:** High heat conditions may evolve Carbon Monoxide, Hydrogen Chloride, Phosgene and Chloride.

**Hazardous Polymerization:** Will not occur

**SECTION 5 - HEALTH HAZARDS**

**Main Routes of Entry:** Inhalation, skin, eye

**Signs and Systems of Exposure:**

1) **Acute Overexposure:** Liquid is irritating to eyes, skin, respiratory system. Prolonged exposure to skin can cause a burning sensation. Breathing vapors may cause lightheadedness, dizziness, irregular heartbeats, headache, nausea and in extreme cases, unconsciousness or death.

2) **Chronic Overexposure:** Prolonged and repeated exposure may produce depression, fatigue, loss of appetite, vomiting, cough, loss of sense of balance, dermatitis; and may affect kidney, lungs, liver.

**Medical Conditions Aggravated by Exposure:** Pre-existing eye, skin, respiratory disorders may be aggravated by exposure to this product. An occasional patient may exhibit an allergic reaction with erythema, hives, respiratory difficulties or other systems.

**Listed as Carcinogen or Potential Carcinogen by:**

1) **National Toxicology Program:** No

2) **I.A.R.C. Program:** No

3) **OSHA:** No

Epidemiology studies of 751 humans chronically exposed to Methylene Chloride in the work place of which 252 were exposed for a minimum of 20 years did not demonstrate any increase in deaths caused by cancer or cardiac problems. A second study of 2,227 workers confirmed these results.

**EMERGENCY FIRST AID PROCEDURES**

1) **Inhalation:** Move person to uncontaminated atmosphere. If not breathing, administer artificial respiration. If breathing is difficult, administer oxygen. Get medical attention if effects persist.

2) **Eyes:** Wash with large amounts of water for at least 15 minutes, then get medical attention.

3) **Skin:** Remove contaminated clothing and flush exposed areas with water for 15 minutes. Do not rub. If irritation persists, get medical attention. Skin reaction may take 24-48 hours to develop.

4) **Ingestion:** Do not induce vomiting, get immediate medical attention.

**SECTION 6 - SPECIAL PROTECTIVE INFORMATION**

**Respiratory Protection:** Not required if adequate ventilation. If ventilation is not adequate, a suitable NIOSH approved respirator and cartridge should be used.

**Ventilation:** Local exhaust recommended.

**Gloves:** Impervious gloves recommended.

**Eye Protection:** Goggles or safety glasses recommended.

**Other:** Wash at mealtime and end of shift. General good housekeeping is recommended.

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**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROTECTON**

**Precautions To Be Taken in Handling and Storage:** Contents under pressure. Store containers in cool, dry area away from sources of ignition. Do not puncture or incinerate containers.

**Steps To Be Taken if Material is Released or Spilled:** Mop up, or wipe up, or soak up with absorbent and contain for salvage or disposal. Provide diking or other containment for large spills. Use appropriate protective equipment if necessary.

**Waste Disposal Methods:** Dispose in accordance with all Federal, State and local regulations.

**N/E = NOT ESTABLISHED**

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