



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
 UNITED 101 MOISTURE BARRIER

**USE/DESCRIPTION**  
 Moisture Barrier and Electrical Lubricant

**REVISION DATE**  
 January 27, 2012

#### HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	2 Violent chemical change possible-use hose stream from distance 1 Unstable if heated-use precaution. 0 Normally stable.
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#### FLAMMABILITY (0 = Maximum Safety) 1

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Food grade mineral oil	8042-47-5	40-70	5 mg/m3	5 mg/m3	NE	NE
Octamethylcyclotetrasiloxane	556-67-2	1-5	10 ppm*	NE	NE	NE
Dipropylene glycol monomethyl ether	34590-94-8	1-5	100 ppm (Skin)	100 ppm (Skin)	NE	NE
Decamethylcyclopentasiloxane	541-02-6	1-5	10 ppm*	NE	NE	NE
Carbon dioxide	124-38-9	1-5	5000 ppm	5000 ppm	NE	NE

\* Manufacturer's recommended TWA exposure limit.

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause slight irritation; does not injure eye tissue.

**Skin:** Prolonged or repeated contact may cause moderate irritation.

**Inhalation:** Exposure to massive amount of vapors may cause dizziness, drowsiness, throat irritation, unconsciousness and CNS effects.

**Ingestion:** May cause upset stomach, nausea, vomiting, and diarrhea. Possible aspiration hazard may cause inflammation of the lungs.

### 4. FIRST AID MEASURES

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists call a physician.

**Skin:** Wash with soap and water. If irritation persists call a physician.

**Inhalation:** Remove to fresh air immediately. Apply artificial respiration if needed. Call a physician immediately.

**Ingestion:** DO NOT induce vomiting. Call a physician immediately. Aspiration may cause chemical pneumonitis.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TOC):** >200°F/93.3°C

**Explosive Limits:** Lower (LEL): NE      Upper (UEL): NE

**Flame Projection (Aerosol):** Non- flammable per 16 CFR 1500.3 and 1500.45.

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Fire and Explosion Hazards:** Aerosol container (pressurized) may burst if heated over 120°F/48°C.

**Extinguishing Media:** Foam, Dry chemical, Carbon dioxide.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Cool fire exposed containers with water to prevent pressure build up.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

**Large Spills:** Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

## 7. HANDLING AND STORAGE

Keep away from heat, sparks, and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Store as NFPA Code 30B Rating: Level 1 Aerosol.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses or chemical splash goggles are recommended.

**Skin:** Chemical resistant gloves are recommended.

**Respiratory:** Not normally required. If vapor concentration exceeds TLV, use a NIOSH or MSHA approved respirator.

**Engineering Controls:** Mechanical ventilation recommended when handling in enclosed/tight spaces.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 500°F/260°C **Specific Gravity:** 0.840 (H<sub>2</sub>O=1)

**Vapor Density:** > 1 (air=1) **Evaporation Rate:** ND

**Appearance and Odor:** Aerosol; Brown liquid with solvent scent.

**Vapor Pressure:** 68 psig

**Solubility in Water:** Slight

**Melting Point:** ND

**pH:** N/A

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing agents such as bleach.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** 3.34%

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

### WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 101 MOISTURE BARRIER

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