



## MATERIAL SAFETY DATA SHEET

Information Telephone Number (973) 772-5252

### ALL CHEMICAL EMERGENCIES

1-800-424-9300 - USA

1-703-527-3887 - International

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### SECTION I - PRODUCT IDENTIFICATION

Trade Name: **LIQUID MASK**  
Product Class: Alcohol  
C.A.S. Number: Mixture  
HMIS Rating: Health = 1      Fire = 3      Reactivity = 0

### SECTION II - INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Max. Content</u>	<u>Exposure Limits</u>
Isopropyl Alcohol	67-63-0	40%	TLV/PEL 400 ppm
Water	7732-18-5	50%	N/E
Polyvinyl Alcohol	25213-24-5	10%	Not hazardous

### SECTION III - PHYSICAL DATA

Boiling Point: 180°F      Vapor Density: 2 (Air = 1)  
Specific Gravity: <1.00      Melting Point: N/A  
Evaporation Rate: <2.3      Solubility in Water: Soluble  
Appearance: Clear liquid; smells like alcohol      Vapor Pressure: <33 mmHG

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: LFL: 2.0      Flash Point: >53°F TCC  
UFL: 12.0

- EXTINGUISHING MEDIA: CO<sup>2</sup>, dry chemical and foam as necessary to control surrounding fires.
- SPECIAL FIRE FIGHTING PROCEDURE: Fire fighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

**SECTION V - HEALTH HAZARD DATA****- EFFECTS OF OVER EXPOSURE:**

**SKIN:** May cause irritation

**EYES:** May cause irritation. Liquid splashes may result in more serious injuries. May cause lachrymation (tears).

**INHALATION:** Can cause irritation to the respiratory tract (nose & throat). Can cause CNS depression.

**INGESTION:** May cause irritation to mouth, throat and/or stomach. It can lead to blindness, nausea and vomiting which may cause unconsciousness which can lead to death.

**- FIRST AID:**

**SKIN:** Wash with soap and water.

**EYES:** Flush with copious amounts of water for 15 minutes. Seek immediate medical aid.

**INHALATION:** Remove victim from exposure. Seek medical aid.

**INGESTION:** INDUCE VOMITING (aspiration hazard) only if victim is conscious. Seek immediate medical help.

**- PRIMARY ROUTE(S) OF ENTRY:** Inhalation and skin absorption.

**SECTION VI - REACTIVITY DATA**

**- STABILITY:**  Unstable  Stable

**- HAZARDOUS POLYMERIZATION:** None Known

**- INCOMPATIBILITY:** Strong oxidizers

**- CONDITIONS TO AVOID:** Extreme temperatures, open flame

**- HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon and acetaldehyde, crotonaldehyde and acetone may be released.

**SECTION VII - SPILL OR LEAK PROCEDURES**

**- STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED:**

Remove all sources of ignition. Ventilate area to required TLV/PGL values if necessary. Absorb spill with an absorbent material such as sawdust, vermiculite or sand and place in a closed container. If large spill, dike the area to prevent this material from entering water systems or sewers. Empty containers may contain vapors that are flammable and/or explosive

**- WASTE DISPOSAL METHOD:**

Follow methods in accordance with local, State and Federal regulations. Compliance includes, but is not restricted to the Clean Water Act, the Clean Air Act and the Resource Conservation and Recovery Act.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY/VENTILATION PROTECTION:** Use in well ventilated area. General mechanical and/or local exhaust is acceptable and should be provided to minimize exposure to maintain below TLV/PEL values. Where exposures exceed TLV/PEL limits, use respiratory approved by NIOSH.

**- PROTECTIVE GLOVES:** Wear appropriate impervious gloves to prevent skin contact.

**- EYE PROTECTION:** Wear face shield or protective goggles.

**SECTION IX - SPECIAL PRECAUTIONS**

- PRECAUTIONS TO BE TAKEN FOR HANDLING AND STORING: Avoid skin and eye contact. Avoid inhalation of vapors. Use good industrial hygienic practices. Store in a cool, dry and well ventilated area away from sources of heat and open flames. Keep away from strong oxidizers. Keep drums tightly sealed.

**SECTION X - SUPPLEMENTAL INFORMATION**

- REGULATORY INFORMATION: SARA Section 313: This material is not known to contain any chemicals on the SARA Section 313 list at a concentration greater than 1.0%.  
- MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing CNS or respiratory disorders also eye and skin conditions.  
- CARCINOGENICITY: - NTP: None; IARC: None; OSHA: None.  
- OTHER INFORMATION: Toxic Substance Control Act (TSCA): All the components in this product are included on the TSCA inventory list.

- DOT PROPER SHIPPING NAME: Alcohol N.O.S.  
- TECHNICAL SHIPPING NAME: Isopropanol  
- UN NUMBER: **UN 1219**  
- DOT HAZARD CLASS: 3  
- DOT HAZARD LABEL: Flammable liquid  
- OTHER INFORMATION: Packaging Group II  
- IMDG PAGE #: 3244

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