

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Section 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

**Identification:** Product Name: Staticide® Mighty Mask  
Product Number: # 8691  
Synonym: Liquid Latex

**Recommend use:** Peelable solder masking agent

**Manufacturer:** ACL, Inc.  
840 W. 49<sup>th</sup> Place  
Chicago, IL 60609  
PH: (01) 847.981.9212 [U.S.A.]  
FAX: (01) 847.981.9278 [U.S.A.]

**Emergency telephone:** INFOTRAC: (01) 800.535.5053 (day or night)

### Section 2. HAZARDOUS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Product definition:** Mixture

**Physical:** None

**Health:** Acute oral toxicity / category 4  
Acute dermal toxicity / category 4  
Acute inhalation toxicity / category 5  
Skin irritation / category 2  
Eye irritation / category 2A  
Skin sensitization / category 1

**Environmental:** None

#### 2.2 Label Elements

**Hazard Pictograms:**



**Signal Word:** Warning

#### **Hazard Statement:**

Harmful if swallowed or in contact with skin (H302 + H312)  
May be harmful if inhaled (H333)  
Causes skin irritation (H315)  
Causes serious eye irritation (H319)  
May cause an allergic skin reaction (H317)

#### **Precautionary Statements:**

##### **General:**

If medical advice is needed, have container or label at hand (P101)

Keep out of reach of children (P102)

Read label before use (P103)

**Prevention:**

Wash hands thoroughly after handling (P264)

Do not eat, drink, or smoke when using this product (P270)

Wear protective gloves, protective clothing and eye protection (P280)

**Response:**

**IF INHALED**, call poison center if you feel unwell (P304 + P312)

**IF IN EYES**, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305 +P351 + P338)

If eye irritation persists, get medical attention or advice (P337 + P313)

**IF ON SKIN**, wash with plenty of water. (P302 + P352)

Take off contaminated clothing and wash before reuse (P362 + P364)

Call doctor center if you feel unwell (P312)

If skin irritation or rash occurs: Get medical attention (P332 + P313)

**IF SWALLOWED**, Immediately call poison center if you feel unwell (P301 + P312). Rinse Mouth (P330)

**Storage:** NE (see section 7)

**Disposal:** Dispose of contents in accordance with state and local laws as they vary (P501)

**Other Hazards:** Contains material which causes damage to the following organs: nervous system, gastrointestinal tract, respiratory tract, skin, central nervous system, eye, lens, or cornea.

**Unknown Acute Toxicity:** No data available

<b>Section 3 COMPOSITION / INFORMATION ON INGREDIENTS</b>			
<b>CHEMICAL</b>	<b>C.A.S.</b>	<b>EINECS</b>	<b>Weight %</b>
1,4-Polyisoprene (latex)	9003-31-0	unlisted	90-95
Zinc dibutyldithiocarbamate	136-23-2	205-232-8	1 – 5
Methanol	67-56-1		< 1
Deionized water	7732-18-5	231-791-2	1 – 5
Ammonium hydroxide	1336-21-6	215-647-6	< 1

<b>Section 4 FIRST AID MEASURES</b>
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PRIMARY ROUTE(S) OF EXPOSURE / ENTRY: Inhalation, Skin Contact.

ACUTE EFFECTS OF OVEREXPOSURE:

- Eyes: Vapors and liquids may cause irritation of the eyes.
- Skin: Skin irritant. May cause allergic skin reaction.
- Inhalation: Inhalation of concentrated vapor is irritating and may cause headache, nausea, and dizziness. May cause damage to eyes, and central nervous system. May cause allergic respiratory reaction.
- Ingestion: Same as inhalation. Substance may be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting, and diarrhea.

EMERGENCY AND FIRST AID PROCEDURES:

- Eye Contact: Immediately flush with large amounts of water and continue for at least 15 minutes. Call a Physician if discomfort persists.
- Skin Contact: Remove contaminated clothing and wash skin with soap and water. Call a Physician if irritation persists.
- Inhalation: Remove to fresh air. If breathing is difficult, give oxygen and call a Physician.
- Ingestion: Give two or more glasses of water immediately. **Do not** induce vomiting. Call a Physician.

<b>Section 5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Flash Point & Method:** None

**General Hazard:**

**Fire Fighting Instructions:** Water foam, alcohol foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water spray. Water may not be effective in fighting the fire, but can be used to cool overheated areas. Care must be taken not to spread the fire.

**Fire Fighting Equipment:** Use water spray to cool overheated containers. Take care not to spread fire with water. Wear protective clothing. Wear self-contained breathing apparatus.

**Hazardous Decomposition of Products:** Carbon monoxide, carbon dioxide, oxides of nitrogen, monomers, and smoke. Depending on conditions, some highly reactive peroxides may be formed.

<b>Section 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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**Personal precautions, protective equipment and emergency procedures:** Wear appropriate protective clothing (see section 8). Prevent from entering sewers, watercourses, or ground. Ventilate area.

**Methods and materials for containment and cleaning up:** Contain spill for disposal by scooping up liquids (if a large spill) and absorbing with sand or other approved absorbent materials and dispose of properly.

<b>Section 7</b>	<b>HANDLING AND STORAGE</b>
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**Handling:**

Wash hands thoroughly after handling (P264)

Do not eat, drink, or smoke when using this product (P270)

Wear protective gloves, protective clothing and eye protection (P280)

**Storage:**

Protect from freezing: product will coagulate.

Avoid storage above 120°F, exposure to light, loss of polymerization inhibitor, and contamination with incompatible materials.

Store in a cool dry place between 65°F - 70°F.oid conditions in sections 10.

<b>Section 8</b>	<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>
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OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)

		<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ammonium hydroxide	(1336-21-6)	50	NIF
Methanol	(67-56-1)	50	NIF

Engineering Controls: Local Exhaust ventilation acceptable

Personal Protection:

**Respirator:** For normal conditions, protection is not necessary.

**Hand Protection** Impervious gloves (rubber or neoprene) to avoid direct skin contact.

**Eye Protection:** Splash proof safety goggles.

**Other Protective Equipment:** Eyewash station, emergency shower.

<b>Section 9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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Appearance	Pink latex paste
Odor	Mild ammonia odor
pH	NE
Melting point/freezing point	NE / NE
Initial boiling point and boiling range	100°C (212°F)
Flash point and method	None
Evaporation rate	Slower (relative to n-Butyl Acetate)
Flammability (solid, gas, liquid)	NA
Upper/lower flammability or explosive limits	NA
Vapor pressure	1.0 mm @ 20°C
Vapor density (air=1)	Less than air
Relative density	1.0
Solubility(ies).	Miscible
Partition coefficient: n-octanol/water	NE
Autoignition temperature	NA
Decomposition temperature	NE
Viscosity	NE
Volatile by weight	NE
VOC	NE

<b>Section 10</b>	<b>STABILITY AND REACTIVITY</b>
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**General:** Stable.

**Conditions to Avoid:** DO NOT FREEZE. Product will coagulate. Avoid storage above 120°F, exposure to light, loss of polymerization inhibitor, and contamination with incompatible materials.

**Incompatible Materials:** Avoid strong oxidizing agents, strong acids, strong bases. Avoid mineral acids, organic acids, caustics, and amines. Avoid alkali contamination.

**Hazardous Decomposition:** Carbon monoxide, carbon dioxide, oxides of nitrogen, monomers, and smoke. Depending on conditions, some highly reactive peroxides may be formed.

**Hazardous Polymerization:** Will not occur.

<b>Section 11</b>	<b>TOXICOLOGY INFORMATION</b>
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**Human Experience:** OSHA / NTP / DHHS - This product does not contain chemicals on the 11<sup>th</sup> Report on Carcinogens (RoC) NIOSH: None of the chemicals are listed on the NIOSH carcinogen list.

<b>Section 12</b>	<b>ECOLOGICAL INFORMATION</b>
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No environmental effect if exposed to air.

<b>Section 13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Do not empty contents into drains.

RCRA 40 CFR 261 Classifications:

As packaged and after use, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ.  
Ensure proper disposal compliance with proper authorities before disposal.

<b>Section 14</b>	<b>TRANSPORTATION INFORMATION</b>
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U.S. DOT Information    Proper Shipping Name: Non Hazardous Material  
   Hazard Class: NA  
IATA                            Proper Shipping Name: NON HAZARDOUS MATERIAL  
   Hazard Class: NA

<b>Section 15</b>	<b>REGULATORY INFORMATION</b>
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This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117.302: ---None of the CERCLA chemicals in product meet the threshold. --

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355): None

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370):

By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFR 372): This product does not contain chemicals on the 313 list at levels greater than 1%.

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D:

Refer to Section 13 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311) ---None of the chemicals are Listed ---

STATE REGULATIONS:

California Proposition 65: Materials known to the State of California to cause cancer: None

Materials known to the State of California to cause reproductive toxicity:

Methanol (CAS# 67-56-1) - Wt. % Range: 0.1-1.0

INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

<b>Sections 16</b>	<b>OTHER INFORMATION</b>
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NFPA Health: Can cause significant irritation  
NFPA Fire: Will not burn  
NFPA Instability: Stable  
NFPA Reactivity: None



HMIS Health: Slight Hazard. Irritation or minor reversible injury possible.

1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
B	PROTECTIVE EQUIPMENT

HMIS Flammability: Minimal Hazard. Will not burn unless heated.  
HMIS Reactivity: Minimal Hazard. Stable  
HMIS Personal Protection: B. Safety glasses and protective gloves should be worn when handling this material.

REVISION DATES, SECTIONS, REVISED BY:

06-NOV-14, Original release date. M. Botkins

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)  
The Sigma-Aldrich Library of Regulatory and Safety Data  
Chemical Guide and OSHA Hazardous Communication Standard  
The Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))  
ANSI Standard: ANSI Z400.1-1998  
Merck Index

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