

# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION

**Trade Name:** LN – 100/LN – 100S/LN-100T, Natural Molding Latex HMIS Code  
**Chemical Name:** Compounded Natural Rubber Latex Health - 2  
**Company:** CMC Products Flammability - 1  
873 East Arrow Highway Reactivity - 0  
Pomona, Ca. 91767 Personal Protection - D  
**CAS Number:** Mixture  
**For Information Call:** (909) 621-5871  
**Date Prepared:** 9/16/04 Rev. I **Preparer:** Yousof Nathie

## SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Chemical and Common Name(s))	CAS No.	Wt.%	OSHA (PEL)	ACGIH (TLV)
Ammonia	7664.41-7	<1	35PPM	25PPM
Ammonium Hydroxide	1336-21-6	<1.6	N/E	

## SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** 212°F  
**Specific Gravity (H2O=1):** 0.94  
**Vapor Pressure (mm Hg):** 760mm @ 212°F (water phase)  
**Vapor Density (Air=1):** 0.63 (water phase)  
**Melting Point:** N/A  
**Solubility in Water:** Miscible  
**Percent Volatile by Volume:** 20-25%  
**Evaporation Rate:** N/A  
**Appearance and Odor:** White Milky Liquid / Ammonia Odor  
**Percentile Solids (By weight):** 74%  
**PH:** 9-11

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**Flash Point (method):** N/A  
**Flammable Limits:** N/A  
**Extinguishing Media:** Water, Foam, CO2, All-Purpose (ABC) Dry Chemical.  
**Special Fire Fighting Procedures:** Fire Fighters should wear NIOSH/MSHA approved positive pressure self-contained respiratory equipment. During a fire emergency the thermal decomposition products may present a health risk.  
**Unusual Fire and Explosion Hazards:** Oxides of Nitrogen, smoke, soot and toxic fumes (e.g. Carbon dioxide and carbon monoxide)

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA cont.**

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>
NFPA Rating:	2	0	0

**Hazard Rating: 0=Insignificant, 2=Moderate, 3=High, 4=Extreme**

**SECTION V: REACTIVITY DATA**

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility (materials to avoid):** Acids/Salts cause coagulation.

**Hazardous Decomposition or By products:** Ammonia (when liquid); oxides of carbon by combustion (when dry and unprotected)

**Hazardous Polymerization:** will not occur.

**SECTION VI: HEALTH HAZARD DATA**

**NIOSH Alert (No. 97-137, June 1997):** Workers exposed to latex gloves and other products containing natural rubber latex may develop allergic reactions such as skin rashes; hives; nasal, eye, or sinus symptoms; asthma and (rarely) shock.

**Route(s) of Entry:** Inhalation – Yes; Skin – Yes (Cuts/Abrasions); Ingestion – N/A

**Health Hazard (Acute and Chronic):** Ammonia vapors may cause irritation of the respiratory tract, eyes and nose. If ingested, can cause nausea, vomiting and gastric irritation. Prolonged exposure to latex (when liquid) may irritate the skin.

**Carcinogenicity:** NTP – No; IARC Monographs – No; OSHA Regulated - No

**Signs and Symptoms of Exposure:** Ammonia vapor may cause burning eyes, runny nose, coughing and possibly chest pain.

**Medical Conditions Generally Aggravated by Exposure:** Pulmonary/Eye

**Emergency and First Aid Procedures:**

**Eye Contact:** Flush eyes immediately with copious amounts of water; consult physician.

**Inhalation:** Move to fresh air immediately; Consult physician.

**Ingestion:** Latex will coagulate in digestive tract. Do not induce vomiting; consult physician immediately.

**Skin Contact:** Wash with soap and water. If skin becomes irritated consult physician.

**SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:** Flush small/minor spills with water. Large spills should be contained and coagulated with calcium chloride or similar material; an absorbent material may also be used. After coagulation/absorption, shovel into appropriate container for disposal.

**Waste Disposal Method:** Coagulate and dispose of solid material in accordance with local regulations for disposal of non-hazardous waste.

**Precautions to be taken in Handling and storing:** Provide adequate ventilation in order to stay within TLV for ammonia vapors. Avoid inhalation of vapors. Keep container(s) closed when not in use.

**Other Precautions:** Avoid excessive heat and cold; avoid freezing.

**SECTION VIII: CONTROL MEASURES**

**Respiratory Protection (Specify Type):** Use an approved chemical (ammonia) cartridge respirator if vapors are excessive.  
**Ventilation:** Provide ventilation as needed, by any means to remain within TLV.  
**Protective Gloves:** Neoprene or nitrile, if needed, to avoid contact with skin.  
**Eye Protection:** Face shield, safety glasses or goggles.  
**Other Protective Clothing or Equipment:** N/A  
**Work/Hygienic Practices:** Any area of the body which has come in contact with this product should be washed with soap and water.

**SECTION IX: SPECIAL PRECAUTIONS**

A FDA Medical Alert has been issued (March 29, 1992: MDA91-1) concerning "Allergic Reaction to Latex", i.e. medical devices. This alert states that medical devices manufactured from natural rubber latex have been reported to cause allergic reactions, including, Anaphylaxis in some exposed individuals.

**SECTION X: OTHER RESPIRATORY INFORMATION**

**FDA/USDA:** FDA – Components allowed under 175.105  
**DOT SHIPPING NAME:** Liquid Rubber Latex Class 60

**SARA TITLE III REGULATORY INFORMATION:**

**SECTION 302 – EXTREMELY HAZARDOUS SUBSTANCES:** Does not contain  
**SECTION 311/312 – Categories for Tier I and II reporting acute health hazard does not exist.**  
**SECTION 313:** Zinc Oxide CAS # 1314-13-2 Less than 0.05% in formula.

**CALIFORNIA PROP. 65:**

To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

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