

MATERIAL SAFETY DATA SHEET

GM FOAM HIGH GRADE LATEX BASE

SECTION I—Preparation/Product Information

MANUFACTURED FOR AND SUPPLIED BY: GM Foam, Inc
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TELEPHONE NO: (818) 908-1087
DATE PREPARED: July 11, 2001
PREPARED BY: GM Foam, Inc
PRODUCT USE: Latex Compound
DATE PRINTED: July 11, 2001
EMERGENCY CONTACT: (818) 908-1087

SECTION II – Ingredients/Identity Information

NUMBER: 3062-402
NAME: Latex Compound
CLASS: Modified Natural Rubber Latex

HMIS HAZARD CODES
Health: 1
Flammability: 0
Reactivity: 0
Personal Protective Equipment: X

COMPONENTS CHEMICAL IDENTITY CAS#/UN#	EXPOSURE LIMITS PEL / TLV / OTHER	TOXICITY LD50 / LC50
Ammonium Hydroxide 1336-21-6	TLV-TWA 25 ppm PEL-TWA 35 ppm	LD50 oral, rat 350 mg/kg LC50 rat 3670 ppm

SECTION III – Physical / Chemical Characteristics

BOILING POINT: >212°F
FREEZING POINT: 32°F
VAPOR PRESSURE (mm Hg): Not Available
VAPOR DENSITY (AIR = 1): Lighter than air
SOLUBILITY IN WATER: Dispersable
APPEARANCE (PHYSICAL STATE) AND ODOR: Milky white liquid, ammonia odor
% VOLATILE BY VOLUME: Not Determined

SPECIFIC GRAVITY (H₂O = 1): 1.02
pH: Not Available
ODOR THRESHOLD (ppm): Not Available
COEF. WATER/OIL DIST.: Not Available
EVAPORATION RATE: 1 (water=1)

SECTION IV – Fire and Explosion Hazard Data

FLASH POINT (open or closed cup): Not Available

FLAMMABILITY CLASSIFICATION: Not Flammable

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full protective clothing to guard against exposure to toxic and irritating fumes. Fire fighters should wear self-contained breathing apparatus with a full facepiece operated in a positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not weld or use cutting torch on or near drums, even if empty.

FLAMABLE LIMITS LEL: Not Applicable
UEL: Not Applicable

AUTOIGNITION TEMPURATURE: Not Applicable
SENS. TO MECHANICAL IMPACT: Not Applicable
SENS. TO STATIC DISCHARGE: Not Applicable
HAZARDOUS COMBUSTION PRODUCTS: None known

SECTION V – Reactivity Data

STABILITY:
Stable
Unstable

CONDITIONS TO AVOID (Condition of Reactivity): None.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers, heavy metals, salts, and acids will destabilize latex

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Heating above 60°C will destabilize latex.

SECTION VI – Health Hazard Data

PRI MARY ROUTE OF EXPOSURE:

Inhalation: yes	Skin Contact: yes
Skin Absorption: no	Ingestion: yes
Eye Contact: yes	

HEALTH HAZARDS:

Acute: Ammonia vapors may collect at the top of sealed containers during storage. This vapor can cause irritation or burns to the skin, eyes and respiratory system. Excessive skin contact could cause irritation or even an allergic dermatitis.
Chronic: May cause allergies to persons allergic to latex rubber.

CARCINOGENICITY:

NTP: No IARC: No OSHA: No

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation or burns

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

OECD TEST VALUE FOR:

Irritancy: skin/eyes/respiratory system
Sensitization: allergic dermatitis
Mutagenicity: Not Determined

Reproductive Toxicity: Not Determined
Teratogenicity: Not Determined

SYNERGISTIC PRODUCTS: Not Determined

HMIS RATING: 1

SECTION VII – First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES

- Inhalation: Move to fresh air, get medical attention if necessary.
- Ingestion: Drink large amounts of water, consult a physician.
- Skin Contact: Wash with large amounts of soap and water. Consult a physician if irritation develops or persists
- Eye Contact: Flush with water for 15 minutes. Get medical attention.

SECTION VIII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Properly protected personnel should contain the spill. Soak it up with absorbent material. Shovel the absorbed material into containers for disposal.

Waste Disposal Method:

Dispose of in accordance with all Federal, State and Local regulations. Empty containers contain residual material, which may decompose to emit toxic or irritating fumes if burned.

Precautions to be taken in handling and storing:

Avoid contact with eyes, skin and clothing.

Other Precautions:

None Known

SECTION IX – Control Measures

RESPIRATORY PROTECTION (Specify Type): If ventilation is inadequate, wear a type N7500-A HEPA Filter/Cartridge respirator to prevent overexposure.

VENTILATION: Good room ventilation. Provide mechanical or local exhaust during baking to prevent fumes from accumulating.

EYE PROTECTION: Chemical Safety Glasses or splash goggles to prevent eye contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Latex gloves to prevent skin contact. Eyewash station

ROUTES OF ENTRY: Skin contact, inhalation, eye contact, ingestion.

SECTION X – Special Precautions

HANDLING AND STORAGE PRECAUTIONS:

Avoid unnecessary skin contact with this product. Avoid breathing vapors. Provide adequate ventilation during use.

OTHER PRECAUTIONS:

Store in a cool, dry location. Keep containers tightly sealed and upright when not in use. Keep from freezing.

SECTION XI – Additional Information

SPECIAL SHIPPING INFORMATION:

DOT SHIPPING NAME: Natural rubber latex
HAZARD CLASS: Non Hazardous

SARA TITLE III REGULATORY INFORMATION:

Section 302 – Extremely Hazardous Substances: does not contain

Section 311/312 – Categories for Tier I & Tier II reporting:

Fire Immediate (acute) Health Reactivity
 Delayed (chronic) Health Sudden Release of Pressure

Section 313 – Emissions reporting: All product ingredients with “yes” in the “Listed?” column are subject to the reporting requirements of Section 313. EPA lists chemical name & CAS# or by chemical category. This information must accompany all copies of this MSDS.

<i>CHEMICAL</i>	<i>CAS#</i>	<i>LISTED</i>	<i>%</i>
Ammonium Hydroxide	1336-21-6	No	1-5

CALIFORNIA PROPOSITION 65:

This product is not known to contain chemicals that are known to the state of California to cause cancer.

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA THAT IS ACCURATE AND RELIABLE TO THE BEST OF GM FOAM'S KNOWLEDGE AND BELIEF. WITH RESPECT TO THE INFORMATION AND RECOMMENDATIONS, GM FOAM MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, EXPRESS OR IMPLIED.