

## 1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620  
Product Name: **Poly Latex 60 and Poly Latex N**  
Chemical Family: Natural Rubber Latex, CAS 9006-04-6

## 2. Hazardous Constituents

<u>Hazardous Ingredient/CAS #</u>	<u>Exposure Limits</u>
Natural rubber latex, 9006-04-6	ACGIH 0.0001 mg/m <sup>3</sup> TWA (inhalable proteins)
Ammonium Hydroxide, 1336-21-6 (Exposure limit for ammonia)	OSHA PEL 50 ppm, 35 mg/m <sup>3</sup> TWA ACGIH 25 ppm, 17 mg/m <sup>3</sup> TWA ACGIH 35 ppm, 24 mg/m <sup>3</sup> STEL

## 3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin and eye contact  
EYE: May cause eye irritation.  
SKIN: May cause irritation, redness or rashes, especially in allergic individuals.  
INGESTION: May cause gastrointestinal discomfort. Ingestion hazard is not fully known.  
INHALATION: Ammonia vapors that may collect at the top of sealed containers may cause respiratory irritation. Inhalation of latex proteins can cause asthma-like symptoms in allergic individuals.  
CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.  
NOTE: Certain individuals have latex allergies that can exacerbate skin and respiratory irritation.

## 4. First Aid Measures

EYE CONTACT: Flush with water for at least 15 minutes. See a physician if irritation persists.  
SKIN CONTACT: Wash thoroughly with soap and warm water. See a physician if symptoms persist.  
INHALATION: Remove to fresh air. See a physician if symptoms persist.  
INGESTION: Drink large amounts of water. Seek medical attention. Do not induce vomiting unless so directed by a medical professional.

## 5. Fire Fighting Measures

FLASH POINT: Not determined; but not regulated as an OSHA flammable or combustible liquid.  
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or foam.  
HAZARDOUS COMBUSTION PRODUCTS: May include carbon monoxide, carbon dioxide and potentially irritating and toxic compounds.  
OTHER INFORMATION: Firefighters wear full protective gear including self-contained breathing apparatus.

## 6. Accidental Release Measures

Clear non-emergency personnel from the area. Extinguish sources of ignition. Contain spill to minimize environmental contamination. Absorb spilled material with an inert absorbent material such as sawdust, vermiculite, dirt, sand, clay, or cob grit. Collect and containerize material.

## 7. Handling and Storage

HANDLING: Use in adequately ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See also Section 8 of MSDS.  
STORAGE: Store in a cool, dry area. Store in original, closed container. Protect from freezing.

## 8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide adequate general and/or local exhaust to minimize ammonia vapors.  
PERSONAL PROTECTIVE EQUIPMENT: Eye protection and impervious gloves are recommended.  
RESPIRATORY PROTECTION: In the absence of good ventilation, use an air-purifying respirator equipped with ammonia cartridges.

## 9. Physical Characteristics

APPEARANCE: Off-white opaque liquid  
ODOR: Ammonia-like  
pH: 10-11  
FREEZING POINT: 32 °F  
BOILING POINT: >200 °F  
VAPOR PRESSURE: Not determined  
SOLUBILITY IN WATER: Appreciable (10-99%)  
SPECIFIC GRAVITY: ~1.0 @ 20°C

## 10. Stability and Reactivity

CONDITIONS TO AVOID: Normally stable, but avoid excessive temperatures to ensure product integrity. Protect from freezing.  
INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers and acids  
HAZARDOUS DECOMPOSITION PRODUCTS: May include carbon monoxide, carbon dioxide and potentially irritating and toxic compounds.

## 11. Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product does not contain any compounds above the de minimis reporting levels subject to SARA Section 313 reporting requirements.  
DISPOSAL: Upon disposal, this product is not a listed or characteristic RCRA hazardous waste as defined in 40 CFR 261. Dispose of in accordance with state and local regulations.  
TRANSPORT: Not a hazardous material for shipping purposes based on *United Nations Recommendations for the Transport of Dangerous Goods* and 49 CFR Part 171.  
HMIS CLASSIFICATION: Health - 2\*, Flammability - 0, Reactivity - 0  
EMERGENCY SHIPPING INFORMATION: Call CHEMTREC, 800/424-9300.  
MSDS INDICATOR: Added AGGIH TLV for latex in Section 2, and revised Section 3 and 11.  
DISCLAIMER: The information contained herein is considered accurate; however, Polytek makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.