

API-279

Section 1. Product and Company Identification

Product Name:	API-279
Chemical Name/Family:	Modified Acrylic Latex
CAS No.:	Proprietary
Product Use:	Mixture
Restrictions:	For Industrial Use Only
Company:	Advanced Polymer.
Address:	400 Paterson Plank Road Carlstadt, NJ 07072 U.S.A.
Telephone:	201-933-0600
Fax:	201-933-8442
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300

Section 2. Hazards Identification

GHS Classification:

Acute toxicity, oral	Category 5
Serious eye damage/eye irritation	Category 2B
Specific target organ toxicity, single exposure; Respiratory tract irritation	Category 3

GHS Label:**Symbol:****Signal Word:** **Warning****Hazard Classification:****Hazard Statement:**

- May be harmful if swallowed
- Causes eye irritation
- May cause respiratory irritation

Precautionary Statement:**Prevention**

- Wash hands thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Use only outdoors or in a well-ventilated area.

Response

Call a POISON CENTER or doctor/physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards:

If the latex is heated, residual vapors could collect above the liquid and may be ignited by excessive heat or open flame.

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
1,2-Benzisothiazoline-3-one	2634-33-5	<.05
Propylene Glycol Phenyl Ether	770-35-4	<2
1-Butoxy-2-Propanol	5131-66-8	<2

Section 4. First Aid Measures

Skin Contact:	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

Section 5. Firefighting Measures

Fire and Explosion Hazard:	Burning material may emit noxious fumes.
Fire Extinguishing Media:	Water spray, Foam, Dry Chemical, CO2.
Unsuitable Extinguishing Media:	No information available.
Specific Hazards in Case of Fire:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.
Special Fire Fighting Information:	No information available.

Section 6. Accidental Release Measures

Personal Precautions:	Wash hands thoroughly after use. Ensure adequate ventilation.
Protective Equipment:	Wear safety glasses, apron, and gloves.
Environmental Precautions:	Avoid release into the environment.
Methods and Materials for Containment and Cleaning up:	Soak up with clay, sawdust, sand, oil dry or other absorbent material. Dike and contain spilled material. Remove with vacuum trucks or pump to storage containers. Properly dispose of contaminated product, absorbents and rinsates.

Section 7. Handling and Storage

Handling Conditions:	Do not use API-279 for slip resistant floor finishes/coatings. Floor finishes/coatings formulated with API-279 should be evaluated for slip resistance and suitability for use in their intended application. Product application methods, usage, wear, maintenance procedures, wet conditions, contaminants, humidity, and other factors are known to alter in-place floor slip resistance. Agitate API-279 using low shear mixing prior to use. *** Protect from freezing.***
Storage Conditions:	Store at temperatures between 40°F (10°C) to 90°F (32.2°C). Store in a tightly closed container. Store in a well-ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. *** WARNING - PROTECT FROM FREEZING*** In the cold months, a freeze indicator is attached to this shipment (one indicator per pallet). If the bulb on the indicator is not clear, this shipment was exposed to temperatures below 32°F (0°C). Perishable if frozen. If product is exposed, product quality testing should be performed before accepting the shipment.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	1-Butoxy-2-Propanol (CAS#: 5131-66-8) TWA 50 ppm
Appropriate engineering controls:	Use adequate ventilation to keep vapour concentrations below applicable standard.
Personal protective equipment:	
Respiratory Protection:	Trace amounts of monomers may be released during use of this material. Use suitable respiratory equipment.
Hand Protection:	Rubber or plastic gloves should be worn.
Eye Protection:	Safety glasses should be worn.
Skin and Body Protection:	Rubber apron.
Hygiene Measures:	Wash hands after use.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Milky White
Odor:	Mild Odor
Odor Threshold:	No information available.
pH:	8.3
Specific Gravity (77°F):	1.04

% Volatile by Weight:	60
% VOC:	<100 g/L
Melting Point:	No information available.
Freezing Point:	No information available.
Boiling point:	>200°F
Flash Point:	No information available.
Evaporation Rate (BuAc=1):	No information available.
Flammability:	No information available.
Explosion Limits:	No information available.
Vapor Pressure (mmHg):	No information available.
Vapor Density (Air=1):	No information available.
Solubility:	Disperses readily using mixer.
Partition Coefficient:	No information available.
Auto-ignition Temperature:	No information available.
Viscosity:	No information available.
Decomposition Temperature:	No information available.

Section 10. Stability and Reactivity

Chemical Stability:	Stable.
Hazardous Polymerization:	May not occur.
Conditions to Avoid:	Store in a well-ventilated place at temperatures below 90°F. Keep container tightly closed. PROTECT FROM FREEZING.
Incompatible Materials:	Avoid contact with strong oxidizing agents and acids.
Hazardous Decomposition Products:	Combustion may produce CO ₂ or CO. Normal combustion products expected.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	Yes	Skin:	Yes	Inhalation:	Yes	Ingestion:	No
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Potential Health Effects:

Inhalation	Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headache, dizziness, nausea, loss of coordination and loss of consciousness.
Ingestion:	Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.
Skin:	Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.
Eyes:	Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.

Signs and Symptoms of Exposures:

Acute Toxicity:	EYE IRRITATION: Bovine Corneal Opacity and Permeability Assay ran on Representative Latex Samples: Latex particles adhered to the anterior cornea causing opacity readings to occur. There was no permeability of the materials, no significant corneal damage and negligible to minimal effect to the lower stromal layer of the cornea. Interpretation of these results is that mild
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Chronic Toxicity: eye irritation could occur.
No information available.

Respiratory or Skin Sensitization: No information available.

Mutagenicity: No information available.

Carcinogenicity:

IARC:	No	NTP:	No	OSHA:	No
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Section 12. Ecological Information

Ecotoxicity (Aquatic and Terrestrial): No information available.

Bioaccumulative Potential No information available.

Mobility in Soil: No information available.

PBT and vPvB Assessment: No information available.

Other Adverse Effects: No information available.

Section 13. Disposal Considerations

Product: Coagulate the latex with alcohol or alum. Filter off the solids. Landfill the solids at an industrial landfill which has approval to receive such materials. Do not discharge into drains or the environment. Dispose of as unused product as in accordance to federal, state and local regulations.

Disposing of Contaminated Packaging: Dispose of as unused product as in accordance to federal, state and local regulations.

Section 14. Transport Information

Land Transport (DOT): **Not regulated**

UN Number: N/A

UN Proper Shipping Name: N/A

Transport Hazard Class: N/A

Packing Group: N/A

Sea Transport (IMDG): **Not Regulated**

UN Number: N/A

UN Proper Shipping Name: N/A

Transport Hazard Class: N/A

Packing Group: N/A

Air Transport (IATA): **Not Regulated**

UN Number: N/A

UN Proper Shipping Name: N/A

Transport Hazard Class: N/A

Packing Group: N/A

Environmental Hazards (e.g., Marine pollutant): No information available.

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Listed
DSL (Canada):	No information available.
ENCS (Japan)	No information available.
REACH (Europe):	No information available.
IECSC (China):	No information available.
KECL (Korea):	No information available.
PICCS (Philippines):	No information available.
AICS (Australia):	No information available.
ERMA (New Zealand):	No information available.

Federal Regulations:

SARA 313:	No information available.
SARA 311/312:	No information available.
Clean Water Act:	No information available.
Clean Air Act, Section 112 HAPs (See 40CFR61):	No information available.

State Regulations:

Massachusetts Right to Know Components:	No information available.
New Jersey Right to Know Components:	No information available.
Pennsylvania Right to Know Components:	No information available.
California Proposition 65:	No information available.

Section 16. Other Information

WHMIS Classification: No information available.

HMIS Rating:

Health Hazard	1
Flammability:	1
Physical Hazard:	0
Personal Protection Equipment:	X

NFPA Rating

Health Hazard:	1
Fire Hazard:	1
Reactivity Hazard:	0

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