

## APS-328 Gel

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### Section 1. Product and Company Identification

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Product Name:	APS-328 Gel
Chemical Name/Family:	Silicone Emulsion
CAS No.:	Mixture
Product Use:	Coatings
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

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### Section 2. Hazards Identification

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#### GHS Classification:

<b>Physical Hazards</b>	Not Classified
<b>Health Hazards</b>	Not Classified
<b>Environmental Hazards</b>	Not Classified

#### GHS Label:

**Symbol:** None

**Signal Word:** Warning

#### Hazard Classification:

**Hazard Statement:** None

**Precautionary Statement:** None

**Prevention:** None

**Response:** None

**Storage:** No storage statement required under GHS however refer to Section 7 for current storage conditions.

**Disposal:** None

#### **Potential Health Effects:**

Inhalation: Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headache, dizziness, nausea, impairment of coordination, drowsiness and loss of consciousness.

Skin Contact: Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.

Ingestion: Unlikely in an industrial environment; however, liquid would irritate upper digestive tract if swallowed.

Eye Contact: Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.

### Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
This product, as sold, does not meet the regulatory definition of a hazardous material.		

### Section 4. First Aid Measures

- Skin Contact:** Immediately wash skin with soap and water. Wash contaminated clothing before reuse. Call a physician if irritation develops.
- Eye Contact:** First rinse eyes with water. Remove any contact lenses, and continue washing with running water for at least 15 minutes. Call for medical help if symptoms continue.
- Inhalation:** Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms persist.
- Ingestion:** Do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

### Section 5. Firefighting Measures

- Fire and Explosion Hazard:** Not any unusual fire or explosion hazards.
- Fire Extinguishing Media:** Foam, Dry Chemical, CO<sub>2</sub>
- Unsuitable Extinguishing Media:** No Information Available
- Specific Hazards in Case of Fire:** Combustion can produce carbon dioxide, carbon monoxide, oxides of silicone, formaldehyde.
- Special Fire Fighting Information:** Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Evacuate personnel to a safe area. Cool endangered containers with water if it can be done safely.

### Section 6. Accidental Release Measures

- Personal Precautions:** Wear appropriate personal protective equipment (See Section 8). Wash contaminated skin thoroughly. Evacuate personnel to safe areas. Avoid inhaling mists and vapours. Ensure adequate ventilation. Contaminated area will be slippery.
- Environmental Precautions:** Avoid release to the environment.
- Methods and Materials for Containment and Cleaning up:** Turn off ignition sources. Soak up with sand, oil dry or other absorbent material. Dispose in accordance with local/state/federal regulations.

### Section 7. Handling and Storage

- Handling Conditions:** Ensure adequate ventilation. Respiratory protection is only recommended where ventilation or engineering controls are unable to maintain exposures below recommended levels. **\*\*\*Agitate contents of container before using\*\*\***
- Storage Conditions:** Store in a well ventilated area above 32°F (>0°C) preferably to 40°F – 104°F (4°C – 40°C). Store in a dry, cool place. Keep container tightly closed when not in use. If the product freezes, allow the product to thaw then mix thoroughly. Product quality testing should be performed before using.

## Section 8. Exposure Control/Personal Protection

<b>Exposure Limits:</b>	No information available
<b>Appropriate engineering controls:</b>	Provide sufficient mechanical ventilation in order to capture mists and sprays in areas where the product may be heated or sprayed.
<b>Personal protective equipment:</b>	
Respiratory Protection:	If spraying or other operations which generate an aerosol mist occur, respiratory protection for exposed personnel is recommended. A NIOSH approved air purifying full-face respirator should be worn if any dusts, mists or vapors could occur.
Hand Protection:	Imperivous gloves should be worn.
Eye Protection:	Safety glasses with side shields.
Skin and Body Protection:	Appropriate clothing to prevent skin contact.
Other Protective Equipment:	No information available.
Hygiene Measures:	Wash hands and other exposed skin after use.

## Section 9. Physical and Chemical Properties

<b>Physical State:</b>	Gel
<b>Color:</b>	Clear to opaque
<b>Odor:</b>	Slight
<b>Odor Threshold:</b>	No information available
<b>% Non-volatile by Weight:</b>	68.0 – 72.0
<b>pH:</b>	5.5 – 6.5
<b>Specific Gravity (77°F):</b>	~1.00
<b>% Volatile by Weight:</b>	28.0 – 32.0
<b>Freezing Point:</b>	No information available
<b>Boiling point:</b>	>100°C (212°F)
<b>Flash Point:</b>	No information available
<b>Evaporation Rate (BuAc=1):</b>	No information available
<b>Flammability:</b>	No information available
<b>Explosion Limits:</b>	No information available
<b>Vapor Pressure (mmHg):</b>	Negligible
<b>Vapor Density (Air=1):</b>	No information available
<b>Solubility:</b>	Miscible
<b>Partition Coefficient:</b>	No information available
<b>Viscosity:</b>	No information available
<b>Decomposition Temperature:</b>	No information available

## Section 10. Stability and Reactivity

<b>Chemical Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Cannot occur
<b>Conditions to Avoid:</b>	None known
<b>Incompatible Materials:</b>	Avoid contact with strong oxidizing agents and acids.
<b>Hazardous Decomposition Products:</b>	Combustion may produce oxides of carbon and silicone or slight traces

of formaldehyde.

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## Section 11. Toxicological Information

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**Primary Routes of Entry:**

Eye:	Yes	Skin:	Yes	Inhalation:	No	Ingestion:	No
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**Signs and Symptoms of Exposures:** No information available

**Acute Toxicity:** No information available

**Chronic Toxicity:** 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

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**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

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## Section 13. Disposal Considerations

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**Product:** Dispose in accordance with EPA, state and local regulations.

**Disposing of Contaminated Packaging:** Dispose of as unused product.

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## Section 14. Transport Information

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

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

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

**Environmental Hazards (e.g., Marine pollutant):** No Information Available

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## Section 15. Regulatory Information

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**International Inventories:**

TSCA (USA): Listed

DSL (Canada): Listed

ENCS (Japan) Listed

EINECS (Europe): Listed

IECSC (China): Listed

KECL (Korea): Listed

PICCS (Philippines): Listed

AICS (Australia): Listed

ERMA (New Zealand): Listed

**Federal Regulations:**

SARA 313:	None
SARA 311/312:	
Acute	No
Chronic	No
Fire	NO
Pressure	No
Reactive	No
Clean Water Act:	No Information Available
Clean Air Act, Section 112 HAPs (See 40CFR61):	No Information Available
<b>State Regulations:</b>	
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:	None

## Section 16. Other Information

<b>WHMIS Classification:</b>	No information available
<b>HMIS Rating:</b>	
Health Hazard	1
Flammability:	1
Physical Hazard:	0
Personal Protection Equipment:	X
<b>NFPA Rating</b>	
Health Hazard:	1
Fire Hazard:	1
Reactivity Hazard:	0

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