



**ADVANCED POLYMER, INC.**

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## APS-337G

APS-337G is a water borne microemulsion that allows for deep penetration into hard surfaces such as concrete, brick, natural stone, etc. Once dried and cured, APS-337G provides a durable protective finish that enhances the natural appearance of treated masonry substrates.

### CHARACTERISTICS

- Enhances the natural look of pavers, concrete, natural stone and other masonry substrates.
- Water vapor permeable but resistant to liquid water.
- Suitable for interior and exterior use.
- Effective on horizontal and vertical surfaces.

### FORMULATION & APPLICATION

Component	Concentration (wt%)
APS-337G	40% - 100%
DI or Distilled Water	Balance

- Add APS-337G to water and mix until uniform.
- One gallon of formulated APS-337G will cover 50 to 200 sq. ft., depending on surface texture and porosity.
- Always test each type of surface for appearance and penetration before overall application.
- Surface to be treated must be clean and dry prior to application.
- For best results, the temperature of the substrate to be coated must be between 50° F - 85° F at time of application.

### PACKAGING

APS-337G is available in 8 oz. samples and 441-lb drums.

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## I want to know more!

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## TYPICAL PROPERTIES

Appearance: Clear to hazy emulsion  
 Solids: 27%  
 Specific Gravity (@25°C): 1.0  
 Ionic nature: Nonionic  
 Solubility: Disperses readily in water

## You may also be interested in . . .

- API-121MS
- API-137B

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## APS-337G

### Section I Product Identity

Product Name	APS-337G
Chemical Name/Family	Silicone Fluid Microemulsion
CAS Registry	Mixture
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300
All ingredients are listed in EPA's TSCA list of chemical substances	

### Section II Hazardous Components/Composition Information

CHEMICAL :	CAS #:	USOS:	TWA:	STEL:	PERCENT:

### Section III Physical and Chemical Properties

Boiling Point	212°F
Specific Gravity (H <sub>2</sub> O=1)	1.0
Vapor Pressure	Negligible
Vapor Density (Air=1)	NA
Solid Content	27
Evaporation Rate (BuAc=1)	ND
Solubility in Water	Miscible
Appearance and Odor	Clear to slightly opaque fluid

### Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	>200°C (Closed Cup)
Flammable Limits in Air (% By Volume)	ND
Extinguishing Media	Foam, dry chemical or CO <sub>2</sub> .
Special Fire Fighting Procedures:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.
Unusual Fire and Explosion Hazard	Combustion can produce carbon dioxide, carbon monoxide

### Section V Reactivity Data

Stability	Stable
Conditions to Avoid	Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing
Incompatibilities	Will hydrolyze with water, but no hazard. Avoid contact with strong oxidizing agents and acids
Hazardous Decomposition or By Products	Combustion may produce CO <sub>2</sub> , CO and methanol (flammable liquid)
Hazardous Polymerization	May Not Occur

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## Section VI Health hazard Data

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Primary Routes of Entry	Inhalation: NO	Dermal: YES	Ingestion: YES
Acute Health hazard	No information available		
Chronic Health Hazard	No information available		
Carcinogenicity	No information available		
NTP: No	IARC Monograph: No	OSHA Regulated: No	

### Signs and Symptoms of Exposure:

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

### Medical Condition Generally Aggravated by Exposure

None known

### Emergency First Aid Procedures

Eyes	Immediately flush eyes with plenty of water. Seek medical attention.
Skin	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
Inhalation	Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

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## Section VII Precautions for Safe Handling and Use

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Steps to be Taken in Case the Material is Released or Spilled:

Turn off ignition sources. Soak up with sand, oil dry or other absorbent material.

Waste Disposal Method:

Dispose of according to EPA, State and Local regulations.

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## Section VIII Special Precautions

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Precautions to be Taken in Handling and Storage:

Store at temperatures between 40°F (4.4°C) to 95°F (43.3°C). Store in tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. \*\*\* **Agitate contents of container before using Dilute this product with DI or distilled water to**



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