

## APS-442

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### Section 1. Product and Company Identification

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Product Name: **APS-442**  
Chemical Name/Family: Organo-Modified Silicone Solution  
CAS No.: Proprietary  
Product Use: Silicone Foaming Agent  
Restrictions: For Industrial Use Only  
Company: Advanced Polymer, Inc.  
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:

Physical Hazards Not classified  
Health Hazards Not classified  
Environmental Hazards Not classified

#### GHS Label:

**Symbol: None**

**Signal Word: None**

#### Hazard Classification:

**Hazard Statement: None**

**Precautionary Statement: None**

#### Other Hazards:

Not considered flammable or combustible but will burn if involved in a fire.

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### Section 3. Composition/Information on Ingredients

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Ingredients	CAS No.	Percent
There are no components contained in this material at concentrations above 1% that are considered hazardous under 29CFR1910.1200.		

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### Section 4. First Aid Measures

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**Skin Contact:** Immediately wash skin with soap and water. Wash contaminated clothing before reuse.

**Eye Contact:** Immediately flush eyes with plenty of water. Seek medical attention.

- 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.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

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## Section 5. Firefighting Measures

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- Fire and Explosion Hazard:** None.
- Fire Extinguishing Media:** Foam, dry chemical or CO<sub>2</sub>.
- Unsuitable Extinguishing Media:** None.
- Specific Hazards in Case of Fire:** No information available.
- Special Fire Fighting Information:** Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.

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## Section 6. Accidental Release Measures

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- 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:** Scrape up with cardboard or rag; soak up with sand, oil dry or other absorbent material and place in a container.

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## Section 7. Handling and Storage

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- Handling Conditions:** Avoid contact with eyes and prolonged or repeated skin contact. **\*\*\* Agitate contents of container before using \*\*\***
- Storage Conditions:** Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing. Keep away from heat and flame. Do not lay the container on its side. Keep out of reach of children.

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## Section 8. Exposure Control/Personal Protection

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- Exposure Limits:** No information available.
- Appropriate engineering controls:** Local exhaust not required.
- Personal protective equipment:**
- Respiratory Protection: Not required.
- Hand Protection: Rubber or plastic gloves should be worn.
- Eye Protection: Safety glasses should be worn.
- Skin and Body Protection: Rubber apron should be worn.
- Other Protective Equipment: Eye wash equipment and safety shower.
- Hygiene Measures: Wash hands after use.

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## Section 9. Physical and Chemical Properties

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- Physical State:** Liquid
- Color:** Light brown transparent
- Odor:** Slight odor
- Odor Threshold:** No information available.
- pH:** No information available.

<b>Specific Gravity (77°F):</b>	1.03
<b>% Volatile by Weight:</b>	0%
<b>% VOC:</b>	0%
<b>Melting Point:</b>	No information available.
<b>Freezing Point:</b>	No information available.
<b>Boiling point:</b>	No information available.
<b>Flash Point:</b>	210°C (Open cup); >94°C (Closed cup)
<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 (25°C):</b>	Negligible
<b>Vapor Density (Air=1):</b>	No information available.
<b>Solubility:</b>	Soluble
<b>Partition Coefficient:</b>	No information available.
<b>Auto-ignition Temperature:</b>	No information available.
<b>Viscosity:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.

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## Section 10. Stability and Reactivity

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<b>Chemical Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	May not occur.
<b>Conditions to Avoid:</b>	Keep from freezing.
<b>Incompatible Materials:</b>	None.
<b>Hazardous Decomposition Products:</b>	Combustion may produce carbon oxides and traces of incompletely burned carbon compounds and silicon dioxide. Formaldehyde.

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## Section 11. Toxicological Information

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### Primary Routes of Entry:

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

Inhalation	No information available.
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:	No information available.

### Signs and Symptoms of Exposures:

<b>Acute Toxicity:</b>	No information available.
<b>Chronic Toxicity:</b>	No information available.
<b>Respiratory or Skin Sensitization:</b>	No information available.
<b>Mutagenicity:</b>	No information available.
<b>Carcinogenicity:</b>	No information available.

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

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<b>Ecotoxicity (Aquatic and Terrestrial):</b>	No information available.
<b>Bioaccumulative Potential</b>	No information available.
<b>Mobility in Soil:</b>	No information available.
<b>PBT and vPvB Assessment:</b>	No information available.
<b>Other Adverse Effects:</b>	No information available.

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## Section 13. Disposal Considerations

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<b>Product:</b>	Do not dump this product into sewers, on the ground or into any body of water. Dispose of contents in accordance with local/regional/national/international regulations. DO NOT INCINERATE unless incinerator is capable of scrubbing hydrogen fluoride and other acidic combustion products.
<b>Disposing of Contaminated Packaging:</b>	Do not re-use container. Keep away from heat sparks and flame. Do not puncture on its side and do not weld on or near this container. Dispose of according to EPA, state and local regulations.

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## Section 14. Transport Information

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<b>Land Transport (DOT):</b>	<b>Classified as non-hazardous.</b>
UN Number:	N/A
UN Proper Shipping Name:	N/A
Transport Hazard Class:	N/A
Packing Group:	N/A
<b>Sea Transport (IMDG):</b>	<b>Classified as non-hazardous.</b>
UN Number:	N/A
UN Proper Shipping Name:	N/A
Transport Hazard Class:	N/A
Packing Group:	N/A
<b>Air Transport (IATA):</b>	<b>Classified as non-hazardous.</b>
UN Number:	N/A
UN Proper Shipping Name:	N/A
Transport Hazard Class:	N/A
Packing Group:	N/A
<b>Environmental Hazards (e.g., Marine pollutant):</b>	None.

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## Section 15. Regulatory Information

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<b>International Inventories:</b>	
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: None  
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: None

**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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