

## APS-230

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### Section 1. Product and Company Identification

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Product Name: APS-230  
Chemical Name/Family: Modified silicone fluid  
CAS No.: Proprietary  
Product Use: Various  
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: None known.

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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:** Wash skin with soap and water. Wash contaminated clothing before reuse.  
**Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if

irritation develops and persists.

**Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Ingestion:** Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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## Section 5. Firefighting Measures

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**Fire and Explosion Hazard:** By heating and fire, harmful vapors/gases may be formed.

**Fire Extinguishing Media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

**Hazardous Combustion Products:** Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

**Special Fire Fighting Information:** Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and self-contained breathing apparatus. Move containers from fire area if you can do so without risk.

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## Section 6. Accidental Release Measures

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**Personal Precautions:** Eliminate sources of ignition.

**Protective Equipment:** Wear appropriate personal protective equipment.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**Methods and Materials for Containment and Cleaning up:** **Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. **Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use.

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## Section 7. Handling and Storage

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**Handling Conditions:** Provide adequate ventilation. Use care in handling/storage. Do not breathe mist or vapor. \*\*\*Agitate contents of container before using\*\*\*

**Storage Conditions:** Store at temperatures between 40°F (4.4°C) to 110°F (43.3°C). Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Keep out of reach of children.

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## Section 8. Exposure Control/Personal Protection

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**Exposure Limits:** No exposure limits noted for ingredient(s).

**Appropriate engineering controls:** Provide adequate general and local exhaust ventilation.

**Personal protective equipment:**

Respiratory Protection: If ventilation is insufficient when heating use chemical respirator with organic vapor cartridge.

Hand Protection: Wear protective gloves.

Eye Protection:	Appropriate safety glasses.
Skin and Body Protection:	Rubber apron.
Other Protective Equipment:	Eye wash equipment and safety shower.
Hygiene Measures:	Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. This product can generate formaldehyde at approximately 150 °C (300 °F) and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles, organic vapor respirator or protective clothing when this product is heated at approximately 150 °C (300 °F) and above in the presence of air.

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## Section 9. Physical and Chemical Properties

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<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear/Transparent
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	N/A
<b>% Non-volatile by Weight:</b>	100
<b>pH:</b>	N/A
<b>Specific Gravity (77°F):</b>	0.97
<b>% Volatile by Weight:</b>	<0.5%
<b>Melting Point:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Boiling point:</b>	N/A
<b>Flash Point:</b>	> 201.2 °F (> 94 °C) Closed Cup > 572 °F (> 300 °C) Open Cup
<b>Evaporation Rate (BuAc=1):</b>	Negligible
<b>Flammability:</b>	N/A
<b>Explosion Limits:</b>	N/A
<b>Vapor Pressure (mmHg):</b>	Negligible
<b>Vapor Density (Air=1):</b>	N/A
<b>Solubility:</b>	Not soluble in water
<b>Partition Coefficient:</b>	N/A
<b>Auto-ignition Temperature:</b>	ca.400°C (752°F)
<b>Viscosity (25°C):</b>	3,000 cstk
<b>Decomposition Temperature:</b>	N/A

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## Section 10. Stability and Reactivity

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<b>Chemical Stability:</b>	Stable at normal conditions.
<b>Hazardous Polymerization:</b>	May not occur
<b>Conditions to Avoid:</b>	None known
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds.

Silicon dioxide. Formaldehyde.

## Section 11. Toxicological Information

### Primary Routes of Entry:

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

Inhalation	No significant effects are expected.
Ingestion:	No significant effects are expected.
Skin:	No significant effects are expected.
Eyes:	No significant effects are expected.

### Signs and Symptoms of Exposures:

<b>Acute Toxicity:</b>	No Information Available
<b>Chronic Toxicity:</b>	No significant effects were observed.
<b>Respiratory Sensitization:</b>	No Information Available
<b>Skin Sensitization:</b>	No Information Available
<b>Germ Cell Mutagenicity:</b>	No Information Available

### Carcinogenicity:

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

<b>Ecotoxicity (Aquatic and Terrestrial):</b>	No ecotoxicity data noted for the ingredient(s).
<b>Bioaccumulative Potential</b>	No bioaccumulation (Estimated by similar product).
<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

## Section 13. Disposal Considerations

<b>Product:</b>	Follow applicable Federal, State and Local regulations.
<b>Disposing of Contaminated Packaging:</b>	Dispose as unopened product.

## Section 14. Transport Information

<b>Land Transport (DOT):</b>	<b>Not Regulated</b>
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
<b>Sea Transport (IMDG):</b>	<b>Not Regulated</b>
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
<b>Air Transport (IATA):</b>	<b>Not Regulated</b>

UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
<b>Environmental Hazards (e.g., Marine pollutant):</b>	N/A

## Section 15. Regulatory Information

### International Inventories:

TSCA (USA):	Yes
DSL (Canada):	Yes
ENCS (Japan)	Yes
EINECS (Europe):	Yes
IECSC (China):	Yes
KECL (Korea):	Yes
PICCS (Philippines):	Yes
AICS (Australia):	Yes
ERMA (New Zealand):	Yes

### Federal Regulations:

SARA 313:	None
SARA 311/312:	N/A
Clean Water Act:	N/A
Clean Air Act, Section 112 HAPs (See 40CFR61):	N/A

### State Regulations:

Massachusetts Right to Know Components:	Not regulated
New Jersey Right to Know Components:	Not listed
Pennsylvania Right to Know Components:	Not listed
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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Date Revised .....  
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