

APS-222

Section 1. Product and Company Identification

Product Name: **APS-222**
 Chemical Name/Family: Reactive organo-modified silicone fluid
 CAS No.: Mixture
 Product Use: Water Repellent
 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

Section 2. Hazards Identification

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

Section 3. Composition/Information on Ingredients

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

Section 4. First Aid Measures

Skin Contact: Remove contaminated clothing and shoes. Wash contact areas with soap and water.

Eye Contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for

at least 15 minutes.

- 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. Rinse mouth thoroughly.

Section 5. Firefighting Measures

- Fire and Explosion Hazard:** No specific recommendations.
- Fire Extinguishing Media:** Foam. Powder. Carbon dioxide (CO₂).
- Unsuitable Extinguishing Media:** Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.
- Hazardous Combustion Products:** Not considered flammable, but may burn vigorously if involved in a fire. Contact with acidic, basic or oxidizing materials generates flammable and explosive hydrogen gas.
- Special Fire Fighting Information:** Water spray should be used to cool containers.

Section 6. Accidental Release Measures

- Personal Precautions:** Handle substance with care/standard hygiene procedures.
- Protective Equipment:** Wear appropriate protective equipment.
- Environmental Precautions:** Collect spillage. Do not discharge into drains, water courses or onto the ground. Explosive; mass explosion hazard.
- Methods and Materials for Containment and Cleaning up:** Contain spill or leak. Scrape up with cardboard or rag and place in container.

Section 7. Handling and Storage

- Handling Conditions:** Avoid contact with eyes and prolonged or repeated contact with skin. Avoid contact with acidic, basic or oxidizing materials. Keep out of reach of children.
Agitate contents of container before using
- Storage Conditions:** Keep container closed when not in use. Vent the container properly to eliminate internal pressure. Store in a cool place away from heat, sparks and flames. Do not lay the container on its side.
*******Information about the emptied container:*******
Do not re-use this container. Keep away from heat, sparks and flame. Do not puncture or cut this container, and do not weld near this container.

Section 8. Exposure Control/Personal Protection

- Exposure Limits:** None of the components have assigned exposure limits.
- Appropriate engineering controls:** No specific recommendations.
- Personal protective equipment:**
- Respiratory Protection: Provide sufficient ventilation during operations which cause vapor formation. If ventilation is insufficient, suitable respiratory protection must be provided. Self-contained breathing apparatus.
- Hand Protection: Protective gloves are recommended. Rubber gloves are recommended.
- Eye Protection: Safety glasses/goggles

Skin and Body Protection: Wear suitable protective clothing.
 Other Protective Equipment: Eye wash equipment and safety shower.
 Hygiene Measures: It is a good industrial hygiene practice to minimize skin contact.

Section 9. Physical and Chemical Properties

Physical State: Liquid
Color: Transparent/Colorless
Odor: Slight amine odor
Odor Threshold: N/A
% Non-volatile by Weight: 0%
pH: N/A
Specific Gravity (77°F): 1.0
% Volatile by Weight: N/A
Melting Point: N/A
Freezing Point: N/A
Boiling point: N/A
Flash Point: N/A
Evaporation Rate (BuAc=1): N/A
Flammability: N/A
Explosion Limits: N/A
Vapor Pressure (mmHg): N/A
Vapor Density (Air=1): N/A
Solubility: Insoluble
Partition Coefficient: N/A
Auto-ignition Temperature: N/A
Viscosity: N/A
Decomposition Temperature: N/A

Section 10. Stability and Reactivity

Chemical Stability: Unstable
Hazardous Polymerization: May Occur
Conditions to Avoid: Avoid contact with acidic, basic or oxidizing material. Avoid contact with water or moisture. **Will react in presence of water.** Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing.
Incompatible Materials: Acidic, basic or oxidizing materials. Alumina at high temperature.
Hazardous Decomposition Products: Flammable hydrogen gas.

Section 11. Toxicological Information

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: May cause slight skin irritation, but no significant effect.

Eyes: May cause slight eye irritation.

Signs and Symptoms of Exposures:

Acute Toxicity: No information available.

Chronic Toxicity: No information available.

Respiratory or Skin Sensitization: No information available.

Mutagenicity: No information available.

Carcinogenicity: No information available.

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

Ecotoxicity (Aquatic and Terrestrial): No information available.

Bioaccumulative Potential The product is not bioaccumulating.

Mobility in Soil: No information available.

PBT and vPvB Assessment: No information available.

Other Adverse Effects: No information available.

Section 13. Disposal Considerations

Product: Can be burned in a chemical incinerator equipped with an afterburner and scrubber. Dispose of 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:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Sea Transport (IMDG):	Not Regulated
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Air Transport (IATA):	Not Regulated
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable

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

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:	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:	2
Personal Protection Equipment:	X

NFPA Rating

Health Hazard:	1
Fire Hazard:	1
Reactivity Hazard:	2

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