

APS-260

Section 1. Product and Company Identification

Product Name: **APS-260**
 Chemical Name/Family: Organopolysiloxane
 CAS No.: Proprietary
 Product Use: Paint, ink and coating material modifier
 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: Warning

Hazard Classification:

Hazard Statement: None
Precautionary Statement: None

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Organopolysiloxane	Proprietary	100%

Section 4. First Aid Measures

Skin Contact: Wash skin with soap and water.
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if Irritation develops and persists.
Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion: Rinse mouth. Get medical attention immediately.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire:	By heating and fire, harmful vapors/gases may be formed.
Fire Extinguishing Media:	Wet chemical (neutral), aqueous film forming foams.
Unsuitable Extinguishing Media:	Straight streams of water.
Special Protective Equipment and Precaution for Firefighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Unusual Fire & Explosion Hazards:	May form combustible dust concentrations in air.

Section 6. Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Ventilate closed spaces before entering them. Avoid inhalation of dust from the spilled material.
Protective Equipment:	Wear appropriate personal protective equipment.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so.
Methods and Materials for Containment and Cleaning up:	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Pick up and arrange disposal without creating dust. Never return spills in original containers for re-use.

Section 7. Handling and Storage

Handling Conditions:	May cause dust explosion. Static electricity may accumulate and ignite suspended dust, causing an explosion. All equipment used when handling the product must be grounded. Use explosion-proof equipment. Also refer to standards that describe appropriate explosion prevention practices. Provide adequate ventilation. Use only in well-ventilated areas. Use care in handling/storage. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Keep formation of airborne dusts to a minimum. In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe dust. Avoid contact with eyes.
Storage Conditions:	Guard against dust accumulation of this material. Keep away from heat, sparks and open flame. Store in cool place. Store in a well-ventilated place. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Keep in original container.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	No exposure limits noted for ingredient(s).
Appropriate engineering controls:	Explosion-proof general and local exhaust ventilation. Provide eyewash station.
Personal protective equipment:	
Respiratory Protection:	Dust mask.
Hand Protection:	Wear protective gloves.

Eye Protection:	Tightly sealed safety glasses according to EN 166.
Skin and Body Protection:	Wear suitable protective clothing. Wear appropriate thermal protective clothing, when necessary.
Other Protective Equipment:	Eye wash equipment and safety shower.
Hygiene Measures:	Do not breathe dust. Avoid contact with eyes. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Physical State:	Powder
Color:	White
Odor:	Odorless
Odor Threshold:	No information available
% Non-volatile by Weight:	No information available
pH:	No information available
Specific Gravity (77°F):	1.3
% Volatile by Weight:	No information available
Melting Point:	No information available
Freezing Point:	No information available
Boiling point:	No information available
Flash Point:	No information available
Evaporation Rate (BuAc=1):	No information available
Flammability:	No information available
Explosion Limits:	No information available
Vapor Pressure (mmHg):	No information available
Vapor Density (Air=1):	No information available
Solubility:	Insoluble
Partition Coefficient:	No information available
Auto-ignition Temperature:	No information available
Viscosity:	No information available
Decomposition Temperature:	No information available

Section 10. Stability and Reactivity

Chemical Stability:	Stable at normal conditions.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition 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.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	No	Skin:	No	Inhalation:	Yes	Ingestion:	Yes
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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: No information available

Acute Toxicity: None known.

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

Ecotoxicity (Aquatic and Terrestrial): No ecotoxicity data noted for the ingredient(s).

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

PBT and vPvB Assessment: No information available

Other Adverse Effects: No information available

Section 13. Disposal Considerations

Product: Follow applicable Federal, State and Local regulations.

Disposing of Contaminated Packaging: Follow applicable Federal, State and Local regulations.

Section 14. Transport Information

Land Transport (DOT): Not Regulated

Sea Transport (IMDG): Not Regulated

Air Transport (IATA): Not Regulated

Environmental Hazards (e.g., Marine pollutant): None

Section 15. Regulatory Information

International Inventories:

TSCA (USA): Listed

DSL (Canada): Listed

ENCS (Japan): Listed

EINECS (Europe): Listed

ELINCS (Europe): Not Listed

IECSC (China): Listed

KECL (Korea):	Listed
PICCS (Philippines):	Listed
AICS (Australia):	Listed
ERMA (New Zealand):	Listed

Federal Regulations:

SARA 313:	No information available
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:	Not regulated
New Jersey Right to Know Components:	Not regulated
Pennsylvania Right to Know Components:	Not regulated
California Proposition 65:	This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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
Instability:	0

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