

APS - 705

Section 1. Product and Company Identification

Product Name: **APS – 705**
 Chemical Name/Family: Phenyl-modified polydimethyl siloxane
 CAS No.: Proprietary
 Product Use: Lubricant; Cosmetics etc.
 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 Known

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Phenyl-modified polydimethyl siloxane	Proprietary	100

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:	Immediately wash skin with soap and water. Wash contaminated clothing before reuse.
Eye Contact:	Immediately flush eyes with plenty of water. Call a physician if irritation develops or persists.
Inhalation:	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:	Wash mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

Section 5. Firefighting Measures

Fire and Explosion Hazard:	Flash point: >300°C (open cup)
Fire Extinguishing Media:	Foam, Dry Chemical, CO ₂
Unsuitable Extinguishing Media:	None
Hazardous Combustion Products:	No Information Available
Special Fire Fighting Information:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment. 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 or protective clothing when this product is heated at approximately 150°C (300°F) and above in the presence of air.

Section 6. Accidental Release Measures

Personal Precautions:	No Information Available
Protective Equipment:	No Information Available
Environmental Precautions:	No Information Available
Methods and Materials for Containment and Cleaning up:	Soak up with vermiculite, sand, earth or other absorbent material. Place product into a container for later disposal.

Section 7. Handling and Storage

Handling Conditions:	Avoid contact with eyes an prolonged or repeated skin contact. Keep out of reach of children. **Agitate contents of container before using**
Storage Conditions:	Keep container closed when not in use. Store in a cool place. Keep away from heat, sparks and flame. Do not lay the container on its side. Do not re-use container.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	None established
Appropriate engineering controls:	Provide adequate general ventilation. Provide eyewash and shower station.
Personal protective equipment:	
Respiratory Protection:	If ventilation is insufficient when heating use chemical respirator with organic vapor cartridge.

Hand Protection:	Rubber or plastic gloves should be worn.
Eye Protection:	Safety glasses should be worn.
Skin and Body Protection:	Rubber apron and appropriate clothing.
Other Protective Equipment:	Eye wash equipment and safety shower.
Hygiene Measures:	Wash hands and exposed skin after use.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Colorless, transparent
Odor:	Odorless
Odor Threshold:	No information available
% Non-volatile by Weight:	No information available
pH:	No information available
Specific Gravity (77°F):	0.998
% Volatile by Weight:	No information available
Melting Point:	No information available
Freezing Point:	No information available
Boiling point:	No information available
Flash Point:	>300°C (open cup)
Evaporation Rate (BuAc=1):	No information available
Flammability:	No information available
Explosion Limits:	No information available
Vapor Pressure (mmHg):	Negligible (25°)
Vapor Density (Air=1):	No information available
Solubility:	Not soluble in water
Partition Coefficient:	No information available
Auto-ignition Temperature:	No information available
Viscosity cSt, (@25°C):	95 - 105
Decomposition Temperature:	No information available

Section 10. Stability and Reactivity

Chemical Stability:	Stable
Hazardous Polymerization:	May not occur
Conditions to Avoid:	None known
Incompatible Materials:	None known
Hazardous Decomposition Products:	Combustion may produce oxides of carbon, silicon nitrogen and other hazardous gases and vapors.

Section 11. Toxicological Information

Potential Health Effects:	
Inhalation	No information available.
Ingestion:	Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed.

Skin:	Prolonged or repeated contact with skin can cause defatting and drying of the skin resulting in irritation or dermatitis.
Eyes:	Existing eye, skin and respiratory disorders may be aggravated by exposure to this product.
Acute Toxicity:	LD50 (Oral Rat) >5g/kg (estimated by similar Phenyl-modified PDMS)
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 information available
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:	Dispose of according to EPA, State and Local regulations.
Disposing of Contaminated Packaging:	Dispose as if not opened.

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):	No information available

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:	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: 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 0

Flammability: 1

Physical Hazard: 0

Personal Protection Equipment: X

NFPA Rating

Health Hazard: 0

Fire Hazard: 1

Reactivity Hazard: 0

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