

APS-215

Section 1. Product and Company Identification

Product Name:	APS-215
Chemical Name/Family:	Siloxanes and Silicones, di-Me, hydroxy-terminated
CAS No.:	Proprietary
Product Use:	Manufacturing intermediates
Restrictions:	For Industrial Use Only
Company:	Advanced Polymer.
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: No symbol required under GHS.

Signal Word: No signal word required under GHS.

Hazard Classification:**Hazard Statement:**

No hazard statement required under GHS.

Precautionary Statement:**Prevention**

No prevention statement required under GHS.

Response

No response statement required under GHS however refer to Section 4 for first aid measures.

Storage

No storage statement required under GHS however refer to Section 7 for current storage conditions.

Disposal

No disposal statement required under GHS however refer to Section 13 for current disposal considerations.

Other Hazards: No information available.

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:	Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.
Eye Contact:	In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.
Inhalation:	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire:	Product will burn under fire conditions. Hazardous Decomposition Products: formaldehyde, oxides of carbon and silica.
Fire Extinguishing Media:	Dry chemical, alcohol resistant foam or carbon dioxide (CO ₂).
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher, as this will spread the fire.
Special Protective Equipment and Precaution for Firefighters:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool and disperse vapors.
Unusual Fire & Explosion Hazards:	None Known

Section 6. Accidental Release Measures

Personal Precautions:	Wash hands and contaminated skin thoroughly after handling. Avoid contact with eyes. Avoid breathing vapor. When using do not eat, drink, or smoke. Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.
Protective Equipment:	Wear protective gloves/protective clothing/eye protection.
Environmental Precautions:	Do not allow to enter drains, sewers or waterways. Avoid release to the environment.
Methods and Materials for Containment and Cleaning up:	Absorb with inert material. Scrape up and place in appropriate closed container see Section 7 of the SDS.

Section 7. Handling and Storage

Handling Conditions:	Use in well ventilated areas. Avoid contact with eyes. Avoid breathing vapor. When using do not eat, drink, or smoke. ***Agitate contents of container before using***
Storage Conditions:	Keep container tightly closed. Keep out of reach of children. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials. Keep in original container.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	No exposure limits noted for ingredients.
Appropriate engineering controls:	Provide sufficient ventilation during operations which cause vapor formation. This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air.
Personal protective equipment:	
Respiratory Protection:	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
Hand Protection:	Protective gloves are recommended.
Eye Protection:	Wear approved safety glasses.
Skin and Body Protection:	Wear appropriate protective clothing.
Other Protective Equipment:	Eye wash equipment and safety shower.
Hygiene Measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9. Physical and Chemical Properties

Physical State:	Viscous liquid
Color:	Colorless
Odor:	Odorless
Odor Threshold:	N/A
% Non-volatile by Weight:	100
pH:	N/A
Specific Gravity (20 °C):	0.97 Approximate
% Volatile by Weight:	N/A
Melting Point:	N/A
Freezing Point:	-49 °F (-45 °C) Approximate
Boiling point:	N/A
Flash Point:	428 °F (220 °C) (Closed cup according to method Afnor T 60103)
Evaporation Rate (BuAc=1):	N/A
Flammability:	N/A
Explosion Limits:	N/A
Vapor Pressure:	< 0.1 hPa (68 °F (20 °C))
Vapor Density (Air=1):	Not Determined
Solubility:	Not soluble in water Acetone: Very slightly soluble. Ethanol: Very slightly soluble. Diethylether: Miscible (in all proportions). Aliphatic hydrocarbons: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Chlorinated solvents: Miscible (in all proportions).
Partition Coefficient:	No data available
Auto-ignition Temperature:	No data available
Viscosity @ 25°C:	770 mm ² /s, Approximate

Decomposition Temperature: > 392 °F (200 °C)

Section 10. Stability and Reactivity

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizers, strong acids, and strong bases.

Hazardous Decomposition Products: Thermal decomposition may liberate dimethylcyclsiloxanes. This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	N/A	Skin:	N/A	Inhalation:	N/A	Ingestion:	N/A
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Potential Health Effects:

Inhalation: No data available.

Ingestion: No data available.

Skin: No data available.

Eyes: No data available.

Signs and Symptoms of Exposures:

Acute Toxicity: Oral: ATEmix : 2,003.21 mg/kg
Dermal: No data available

Chronic Toxicity: No data available

Sensitization: No data available

Respiratory or Skin Sensitization: No data available

Mutagenicity: Negative (Ames Test)

Carcinogenicity:

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

Ecotoxicity (Aquatic and Terrestrial): No data available

Bioaccumulative Potential The product is not bioaccumulating.

Mobility in Soil: No data available

PBT and vPvB Assessment: No data available

Other Adverse Effects: None Known

Section 13. Disposal Considerations

Product: Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposing of Contaminated Packaging: Dispose as unopened product.

Section 14. Transport Information

Land Transport (DOT): Not Regulated

UN Number:

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

Sea Transport (IMDG): Not Regulated

UN Number:

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

Air Transport (IATA): Not Regulated

UN Number:

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

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

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	On or in compliance with the inventory.
DSL (Canada):	On or in compliance with the inventory.
ENCS (Japan)	On or in compliance with the inventory.
EINECS (Europe):	On or in compliance with the inventory.
IECSC (China):	On or in compliance with the inventory.
KECL (Korea):	On or in compliance with the inventory.
PICCS (Philippines):	On or in compliance with the inventory.
AICS (Australia):	On or in compliance with the inventory.
ERMA (New Zealand):	On or in compliance with the inventory.

Federal Regulations:

SARA 313: None present or none present in regulated quantities.

SARA 311/312: Acute : N/A

Chronic : N/A

Fire : N/A

Reactivity : N/A

Sudden Release : N/A

Clean Water Act: None present or none present in regulated quantities.

Clean Air Act, Section 112 HAPs (See 40CFR61): None present or none present in regulated quantities.

State Regulations:

Massachusetts Right to Know Components: None

New Jersey Right to Know Components: None

Pennsylvania Right to Know Components: None



California Proposition 65:

None

Section 16. Other Information

WHMIS Classification:

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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