

APS-286 Emulsion

Section 1. Product and Company Identification

Product Name: **APS-286 Emulsion**
Chemical Name/Family: Polysiloxane Emulsion
CAS No.: Proprietary
Product Use: Mold Release Agent
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:

Eye Irritation	Category 2B
Skin Irritation	Not classified
Acute Toxicity	Not classified
Respiratory Sensitization	Not classified

GHS Label:

Symbol: None
Signal Word: Warning

Hazard Classification:

Hazard Statement: Causes eye irritation.

Precautionary Statement:

Prevention

Wash hands thoroughly after handling.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Section 3. Hazardous Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Polyethylene glycol octylphenyl ether	9036-19-5	<6

Section 4. First Aid Measures

- Skin Contact:** Immediately wash skin with soap and water. Wash contaminated clothing before reuse.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- 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. Never give anything by mouth to an unconscious person.

Section 5. Firefighting Measures

- Fire and Explosion Hazard:** None.
- Fire Extinguishing Media:** Water, Foam, Dry chemical, CO₂.
- Unsuitable Extinguishing Media:** No information available.
- Specific Hazards in Case of Fire:** Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.
- Special Fire Fighting Information:** No information available.

Section 6. Accidental Release Measures

- Personal Precautions:** Ensure adequate ventilation.
- Protective Equipment:** Use personal protective clothing.
- Environmental Precautions:** Collect spilled material in appropriate disposal. Keep out of water supplies and sewers.
- Methods and Materials for Containment and Cleaning up:** Soak up with absorbent material (e.g. sawdust, sand or general-purpose binder).

Section 7. Handling and Storage

- Handling Conditions:** Use in a well-ventilated area. Avoid contact with eyes and skin. Wash hands thoroughly after handling. *** **Agitate contents of container before using*****
- Storage Conditions:** Store in a well-ventilated place at temperatures below 120 °F. Keep container tightly closed.
*** WARNING - PROTECT FROM FREEZING***
In the cold months, a freeze indicator is attached to this shipment (one indicator per pallet). If the bulb on the indicator is not clear, this shipment was exposed to temperatures below 32°F (0°C). Perishable if frozen. If product is exposed, product quality testing should be performed before accepting the shipment.

Section 8. Exposure Control/Personal Protection

- Exposure Limits:** No information available.
- Appropriate engineering controls:** No information available.
- Personal protective equipment:**
- Respiratory Protection: NIOSH approved respirator as needed.

Hand Protection: Rubber or plastic gloves should be worn.
 Eye Protection: Safety glasses should be worn.
 Skin and Body Protection: Apron should be worn.
 Hygiene Measures: Hands should be washed thoroughly after handling.

Section 9. Physical and Chemical Properties

Physical State: Liquid emulsion
Color: Milky white
Odor: Odorless
Odor Threshold: No information available
pH: No information available
Specific Gravity (77°F): 0.991
% Volatile by Weight: 50
Melting Point: No information available
Freezing Point: No information available
Boiling point: >212F
Flash Point: No information available
Evaporation Rate (BuAc=1): <1.0
Flammability: No information available
Explosion Limits: No information available
Vapor Pressure (mmHg): <20
Vapor Density (Air=1): >1.0
Solubility: Emulsion
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.
Hazardous Polymerization: May not occur.
Conditions to Avoid: Store in a well-ventilated place at temperatures below 120F. Keep container tightly closed. PROTECT FROM FREEZING.
Incompatible Materials: Avoid contact with strong oxidizing agents and acids. Aluminum at high temperatures.
Hazardous Decomposition Products: Combustion may produce CO₂ or CO

Section 11. Toxicological Information

Primary Routes of Entry:

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

Inhalation Prolonged exposure is not expected to cause adverse effects. Mist and vapor may cause irritation of upper respiratory tract (nose and throat).

Ingestion: Low toxicity if swallowed. Small amounts swallowed incidentally as a result of handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

Skin: May cause moderate skin irritation with redness.

Eyes: May cause moderate eye irritation. May cause moderate corneal injury. Effects may be slow to heal.

Signs and Symptoms of Exposures: No information available.

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 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: Do not dump into any sewers, on the ground, or into any body of water. Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

Disposing of Contaminated Packaging: Do not dispose emptied container unlawfully. Dispose as in accordance with EPA and local regulations.

Section 14. Transport Information

Land Transport (DOT): Not regulated.

UN Number: No information available.

UN Proper Shipping Name: No information available.

Transport Hazard Class: No information available.

Packing Group: No information available.

Sea Transport (IMDG): Not regulated.

UN Number: No information available.

UN Proper Shipping Name: No information available.

Transport Hazard Class: No information available.

Packing Group: No information available.

Air Transport (IATA): Not regulated.

UN Number: No information available.

UN Proper Shipping Name: No information available.

Transport Hazard Class: No information available.

Packing Group: No information available.
Environmental Hazards (e.g., Marine pollutant): No information available.

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Yes
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:	No information available.

Section 16. Other Information

WHMIS Classification: No information available

HMIS Rating:

Health Hazard	1
Flammability:	1
Physical Hazard:	0
Personal Protection Equipment:	C

NFPA Rating

Health Hazard:	1
Fire Hazard:	1
Reactivity Hazard:	0

Date Prepared December 16, 2014
 Prepared By Advanced Polymer, Inc.
 Date Revised December 28, 2016
 Revised By Advanced Polymer, Inc.

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