

APS-228 Emulsion

Section 1. Product and Company Identification

Product Name:	APS-228 Emulsion
Chemical Name/Family:	Silicone Emulsion
CAS No.:	Mixture
Product Use:	Various
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	
Reproductive toxicity	Category 2
Environmental Hazards	Not Classified

GHS Label:



Symbol:

Signal Word: **Warning**

Hazard Classification:

Hazard Statement

Suspected of damaging fertility or the unborn child

Precautionary Statement:

Prevention

Obtain, read and follow all safety instructions before use.

Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF exposed or concerned, get medical advice.

Storage:

Store locked up.

Disposal:

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

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Octamethylcyclotetrasiloxane	556-67-2	<1

Section 4. First Aid Measures

- Skin Contact:** Immediately wash skin with soap and water. Wash contaminated clothing before reuse. Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.
- Eye Contact:** Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
- Inhalation:** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
- Ingestion:** Rinse mouth thoroughly. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Firefighting Measures

- Fire and Explosion Hazard:** Vapors form explosive mixtures with air. Vapors may travel considerable distance to source of ignition and flash back.
- Fire Extinguishing Media:** Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
- Unsuitable Extinguishing Media:** No information available.
- Specific Hazards in Case of Fire:** When heated and in case of fire, harmful vapours/gases may be formed.
- Hazardous Combustion Products:** Burning may produce hazardous decomposition products such as formaldehyde, oxides of carbon and silica.
- Unusual Fire & Explosion Hazards:** No unusual fire or explosion hazards noted.
- Protective Measures:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Move container from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Cool container with water spray.

Section 6. Accidental Release Measures

- Personal Precautions:** Wash contaminated skin thoroughly. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Remove all sources of ignition. Beware of vapors accumulating to form concentrations.

Protective Equipment:	Vapors can accumulate in low areas. Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Collect and dispose of spillage as indicated in section 13.
Methods and Materials for Containment and Cleaning up:	Remove sources of ignition. Contain spillage and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Do not contaminate water sources or sewer.

Section 7. Handling and Storage

Handling Conditions:	Use mechanical ventilation in case of handling which causes formation of vapours. Take measures to prevent the build-up of electrostatic charge. (Ground / bond container and receiving equipment. Use only clean, dry utensils in handling. Use spark proof tools and equipment). Wash thoroughly after handling. Avoid contact with water or moisture. Observe good chemical hygiene practices. ***Agitate contents of container before using. Protect from freezing.***
Storage Conditions:	Store at temperatures between 40°F(4.4°C) to 95°F(43.3°C). Store in tightly closed original container in a dry and cool place. Store in a well-ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. **PROTECT FROM FREEZING** If the product freezes, thaw then mix thoroughly. Product quality testing should be performed before using product.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	No information available.
Appropriate engineering controls:	No information available.
Personal protective equipment:	
Respiratory Protection:	If ventilation is insufficient, suitable respiratory protection must be provided.
Hand Protection:	For prolonged or repeated skin contact use suitable protective gloves.
Eye Protection:	Safety glasses should be worn.
Skin and Body Protection:	Wear suitable protective clothing as protection against splashing or contamination.
Hygiene Measures:	Wash contaminated clothing before reuse. Wash hands after contact.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	White Emulsion
Odor:	Slight
Odor Threshold:	No information available.
pH:	~7
Specific Gravity (77°F):	0.98

% Volatile by Weight:	~ 50.0
Melting Point:	No information available.
Freezing Point:	No information available.
Boiling point:	>200°F
Flash Point:	>200°F(Closed Cup)
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:	Disperses in water
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:	Will not occur.
Conditions to Avoid:	Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed. **PROTECT FROM FREEZING**
Incompatible Materials:	Avoid contact with strong oxidizing agents and acids.
Hazardous Decomposition Products:	Combustion may produce CO ₂ , CO, and nitrous oxides.

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:	No information available.
Skin:	No information available.
Eyes:	No information available.

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:

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 waste and residues in accordance with local authority requirements.
Disposing of Contaminated Packaging:	Dispose of as unused product.

Section 14. Transport Information

Land Transport (DOT):	Not Regulated
Sea Transport (IMDG):	Not Regulated
Air Transport (ICAO/IATA):	Not Regulated

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Listed
DSL (Canada):	Listed
ENCS (Japan)	Listed
REACH (Europe):	No information available.
IECSC (China):	No information available.
KECL (Korea):	Listed
PICCS (Philippines):	Listed
AICS (Australia):	Listed
ERMA (New Zealand):	Listed

Federal Regulations:

SARA 313:	No information available.
SARA 311/312:	
Acute (Immediate)	No
Chronic (Delayed)	Yes
Fire	No
Reactive	No
Pressure	No
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:	No ingredient regulated by MA Right-to-Know Law present.
New Jersey Right to Know Components:	No ingredient regulated by NJ Right-to-Know Law present.
Pennsylvania Right to Know Components:	No ingredient regulated by PA Right-to-Know Law present.

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: X

NFPA Rating

Health Hazard: 1

Fire Hazard: 1

Reactivity Hazard: 0

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