

APS-328

Section 1. Product and Company Identification

Product Name:	APS-328
Chemical Name/Family:	Amino Modified Silicone Fluid
CAS No.:	Mixture
Product Use:	Intermediate
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**

Flammable liquids	Category 4
Eye damage/irritation	Category 2B

Health Hazards

Skin corrosion/irritation	Not classified
Specific target organ toxicity, single exposure; Respiratory tract irritation	Category 3

Environmental Hazards

Not classified

GHS Label:**Symbol:****Signal Word:** **Warning****Hazard Classification:****Hazard Statement:**

Combustible Liquid
Causes eye irritation
May cause respiratory irritation

Precautionary Statement:**Prevention**

Keep away from flames and hot surfaces. – No smoking
Wear protective gloves/ protective clothing/ eye protection/face protection.
Wash skin and other exposed areas thoroughly after handling.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well-ventilated area.

Response

In case of fire: Use suitable extinguishing media for extinction. See Section 5.
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.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Store locked up.

Disposal

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

Potential Health Effects:

Inhalation: Mist irritating to the respiratory tract. Toxic by aerosol inhalation, may cause death.
Skin Contact: May cause slight skin irritation.
Eyes Contact: Causes eye irritation.
Ingestion: Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Modified Silicone	Proprietary	100.0

Section 4. First Aid Measures

Skin Contact: If on skin, take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

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

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

Section 5. Firefighting Measures

Fire and Explosion Hazard: Combustible

Fire Extinguishing Media: Extinguish using foam, carbon dioxide or dry powder.

Unsuitable Extinguishing Media:	High volume water jet.
Specific Hazards in Case of Fire:	Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air.
Special Fire Fighting Information:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Section 6. Accidental Release Measures

Personal Precautions:	Remove all sources of ignition. Ventilate the area. Follow safe handling advice and personal protective equipment recommendations.
Protective Equipment:	Use personal protective equipment.
Environmental Precautions:	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and Materials for Containment and Cleaning up:	Non-sparking tools should be used. Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

Section 7. Handling and Storage

Handling Conditions:	Use with adequate ventilation. Avoid contact with eyes and skin. Do not breathe mist. No other special precautions are necessary beyond normal good hygiene practices. See Section 8 for further personal protection advice when handling this product.
Storage Conditions:	Keep container tightly closed in a cool, well-ventilated place. Keep in properly labeled containers in accordance with the particular national regulations. Keep away from heat and sources of ignition. *** Agitate contents of container before using***

Section 8. Exposure Control/Personal Protection

Exposure Limits:	None Established
Appropriate engineering controls:	Local exhaust is recommended. Use respiratory protection unless adequate local exhaust ventilation is provided.
Personal protective equipment:	
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other

	circumstance where air purifying respirators may not provide adequate protection.
Hand Protection:	Rubber gloves
Eye Protection:	Safety goggles with side shields
Skin and Body Protection:	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Other Protective Equipment:	Ensure that eye flushing systems and safety showers are located close to the working place.
Hygiene Measures:	Wash hands thoroughly after handling. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Colourless
Odor:	Odorless
Odor Threshold:	No Information Available
% Non-volatile by Weight:	No Information Available
pH:	N/A
Specific Gravity (77°F):	0.98
% Volatile by Weight:	<4.00
Melting Point:	No Information Available
Freezing Point:	No Information Available
Boiling point:	No Information Available
Flash Point:	~220°C
Evaporation Rate (BuAc=1):	No Information Available
Explosion Limits:	No Information Available
Vapor Pressure (mmHg):	No Information Available
Vapor Density (Air=1):	No Information Available
Solubility:	Insoluble 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 under normal conditions
Possibility of Hazardous Reactions:	None
Conditions to Avoid:	Keep away from flames and hot surfaces.
Incompatible Materials:	Oxidizing agents, water.
Hazardous Decomposition Products:	Combustion may produce oxides of carbon, silicon and nitrogen, and formaldehyde. This product can form formaldehyde vapors when heated to temperatures above 150°C in the presence of air. Formaldehyde is a potential cancer hazard, a known skin and

respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling condition may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	Yes	Skin:	Yes	Inhalation:	Yes	Ingestion:	Yes
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Potential Health Effects:

Inhalation	Mist irritating to the respiratory tract. Toxic by aerosol inhalation, may cause death.
Ingestion:	Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.
Skin:	May cause slight skin irritation.
Eyes:	Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.

Signs and Symptoms of Exposures: No information available

Acute Toxicity: No Information Available

Chronic Toxicity: No Information Available

Respiratory Sensitization: No Information Available

Skin Sensitization: No Information Available

Mutagenicity: No Information Available

Carcinogenicity: Not classified based on available information.

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: Waste Disposal Method as in accordance with EPA and local regulations.

Disposing of Contaminated Packaging: Contaminated packaging should be as empty as possible. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn or use a cutting torch on the empty drum.

Section 14. Transport Information

Land Transport (DOT): Not Regulated

UN Number: Not Applicable

UN Proper Shipping Name: Not Applicable

Transport Hazard Class: Not Applicable

Packing Group:	Not Applicable
Sea Transport (IMDG):	Not Regulated
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Air Transport (IATA):	Not Regulated
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class:	Not Applicable
Packing Group:	Not Applicable
Environmental Hazards (e.g., Marine pollutant):	No

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Listed
DSL (Canada):	Not Listed
NDSL (Canada)	Listed
ENCS (Japan)	Listed
EINECS (Europe):	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:	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	1
Flammability:	1
Physical Hazard:	0
Personal Protection Equipment:	X



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