

AP-0280

Section 1. Product and Company Identification

Product Name:	AP-0280
Chemical Name/Family:	Silicone Emulsion
CAS No.:	Proprietary
Product Use:	Water Repellent
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:

Skin corrosion/irritation.	Category 2
Serious eye damage/eye irritation.	Category 1
Hazardous to the aquatic environment, chronic toxicity	Category 3

GHS Label:



Symbol:

Signal Word: **Danger**

Hazard Classification:

Hazard Statement

- Causes skin irritation.
- Causes serious eye damage.
- Harmful to aquatic life with long lasting effects.

Precautionary Statement:

Prevention

- Wash contaminated skin thoroughly after handling.
- Wear protective gloves.
- Wear eye protection/face protection.
- Avoid release to the environment.

Response

IF ON SKIN: Wash with plenty of soap and water.

Specific treatment (see Section 4: First Aid Measures).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Avoid release to the environment.

Disposal

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

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Trimethyl Nonyl Ethoxylate	60828-78-6	10-30%
Amino Silicone	102782-92-3	10-30%
Nonyl Phenol Ethoxylate	9016-45-9	5-10%
Acetic Acid	64-19-7	< 1%
Benzethonium Chloride	121-54-0	< 1%

Section 4. First Aid Measures

Skin Contact: Rinse with water. Contact physician if discomfort continues. Remove contaminated clothing. Prolonged skin contact may cause redness and irritation.

Eye Contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues. May cause severe irritation to eyes.

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. Get medical attention immediately.

Section 5. Firefighting Measures

Fire and Explosion Hazard: No information available.

Fire Extinguishing Media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards in Case of Fire: When heated and in case of fire, harmful vapours/gases may be formed.

Hazardous Combustion Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Vapours/gases/fumes of: Silicon.

Unusual Fire & Explosion Hazards: No unusual fire or explosion hazards noted.

Section 6. Accidental Release Measures

Personal Precautions: Wash contaminated skin thoroughly. Evacuate personnel to safe areas. Ensure adequate ventilation.

Protective Equipment:	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental Precautions:	Avoid release to the environment. Collect and dispose of spillage as indicated in section 13.
Methods and Materials for Containment and Cleaning up:	Remove sources of ignition. Soak up with sawdust, sand, oil dry or other absorbent material. Collect spillage in containers, seal securely and deliver 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. Observe good chemical hygiene practices. ***Agitate contents of container before using.***
Storage Conditions:	Store in tightly closed original container in a dry and cool place. *** 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:	If ventilation is insufficient, suitable respiratory protection must be provided.
Hand Protection:	For prolonged or repeated skin contact use suitable protective gloves.
Eye Protection:	Goggles/face shield are recommended.
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:	Gel
Color:	Clear to slightly yellow
Odor:	Mild
Odor Threshold:	No information available.
pH:	No information available.
Specific Gravity (77°F):	No information available.
% Non-Volatile by Weight:	20
% VOC:	~ 1.7
Melting Point:	No information available.
Freezing Point:	No information available.
Boiling point:	100°C @ 760 mm Hg
Flash Point:	No information available.

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.
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 temperature conditions and recommended use.
Hazardous Polymerization:	No information available.
Conditions to Avoid:	Store in a well ventilated place at temperatures below 100°F. Keep container tightly closed when not in use. PROTECT FROM FREEZING. Prevent AP-0280 from freezing (do not expose AP-0280 to temperatures below 32°F). Perishable if frozen.
Incompatible Materials:	No information available.
Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	Yes	Skin:	Yes	Inhalation:	No	Ingestion:	Yes
------	-----	-------	-----	-------------	----	------------	-----

Potential Health Effects:

Inhalation	No information available.
Ingestion:	Fumes from the stomach contents may be inhaled resulting in the same symptoms as inhalation. No specific symptoms noted.
Skin:	Prolonged skin contact may cause redness and irritation.
Eyes:	Causes serious eye irritation.
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
-------	----	------	----	-------	----

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:	Dispos of as unused product..

Section 14. Transport Information

AP-0280 is not regulated for transportation by DOT. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Listed
DSL (Canada):	Listed
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 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: X

NFPA Rating

Health Hazard: 1

Fire Hazard: 1

Reactivity Hazard: 0

Date Prepared July 16, 2014

Prepared By Advanced Polymer, Inc.

Date Revised December 28, 2016

Revised By Advanced Polymer, Inc.

THE INFORMATION AND RECOMMENDATIONS HEREIN, ARE TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE OR INTENDED.

TO THE CUSTOMERS OF ADVANCED POLYMER, INC.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, express or implied:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss of damage, direct, or consequential arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use. The user assumes all risk and liability whatsoever in connection therewith.

No statement or recommendation contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer. Since the manufacturer of the product described in this technical data sheet has no means of controlling the final use of the product by the consumer for the user, it is the responsibility of the immediate purchaser and any intermediate seller or sellers to inform the user of the purposes for which the product may be fit and suitable and of the properties of the product, including the precautionary measures which must be taken in order to ensure the safety of the user and of other third persons and property.

No statement made herein shall be taken as an authorization or inducement to practice any patented invention without appropriate license.