

AP-0282

Section 1. Product and Company Identification

Product Name:	AP-0282
Chemical Name/Family:	Silicone micro-emulsion
CAS No.:	Mixture
Product Use:	Industrial Use Only
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:

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B

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

Causes skin irritation

Causes serious eye irritation

Precautionary Statement:**Prevention**

Wash hands and contaminated skin thoroughly after handling.

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

Response

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

Specific treatment (see supplemental first aid instructions on this SDS).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

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.

Storage

No storage statement required under Regulation (EC) No 1272/2008 however refer to Section 7 for current storage conditions.

Disposal

No disposal statement required under Regulation (EC) No 1272/2008 however refer to Section 13 for current disposal considerations.

Other Hazards: None

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Crosslinked silicone polymer	Trade Secret	Proprietary
Alcohols C14-16	68333-80-2	Proprietary
Water	7732-18-5	~70.0

Section 4. First Aid Measures

Skin Contact: Wash with plenty of water and soap. If skin irritation 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. If eye irritation persists: Get medical advice/attention.

Inhalation: Move to fresh air.

Ingestion: Call a physician immediately. Do not induce vomiting without medical advice.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire: Non-Combustible.

Fire Extinguishing Media: Water, CO2, dry chemical, foam

Unsuitable Extinguishing Media: No information available.

Special Protective Equipment and Precaution for Firefighters: Evacuate personnel to a safe area. Use self-contained breathing apparatus, due to possible generation of toxic fumes.

Unusual Fire & Explosion Hazards: No information available.

Section 6. Accidental Release Measures

Personal Precautions: No Information Available

Protective Equipment: Wear appropriate personal protective equipment.

Environmental Precautions: No Information Available

Methods and Materials for Containment and Cleaning up: Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust).

Section 7. Handling and Storage

Handling Conditions:	Use only in well ventilated areas. Avoid contact with eyes. Avoid contact with skin. Avoid breathing vapor. When using do not eat, drink or smoke. **Agitate contents of container before using**
Storage Conditions:	Store in a well ventilated area above 32°F (>0°C) preferably to 40°F – 104°F (4°C – 40°C). Store in a dry, cool place. Keep container tightly closed when not in use. If the product freezes, allow the product to thaw then mix thoroughly. Product quality testing should be performed before using.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	No Information Available
Appropriate engineering controls:	Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control that meets the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.
Personal protective equipment:	
Respiratory Protection:	Not Required
Hand Protection:	Rubber or plastic gloves should be worn
Eye Protection:	Chemical safety glasses with side shields or splash proof goggles should be worn.
Skin and Body Protection:	Suitable long-sleeved clothing (i.e. shirts and pants).
Hygiene Measures:	Wash hands thoroughly after handling.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Clear to slightly yellow liquid
Odor:	Mild odor
Odor Threshold:	No Information Available
pH:	5.5 - 6.5
Specific Gravity (77°F):	1.0
% Volatile by Weight:	70.0
Melting Point:	No Information Available
Freezing Point:	<32°F
Boiling point:	212 ° F (min.)
Flash Point:	Not applicable
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:	Dispersible 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: Under storage at normal ambient temperatures, the product is stable.

Hazardous Polymerization: No known hazardous reactions

Conditions to Avoid: No Information Available

Incompatible Materials: No Information Available

Hazardous Decomposition Products: No known hazardous decomposition products.

Section 11. Toxicological Information

Primary Routes of Entry:

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

Potential Health Effects:

Inhalation: Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headache, dizziness, nausea, incoordination, drowsiness and loss of consciousness.

Ingestion: Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.

Skin: Causes skin 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

Target Organ Effects: Overexposure by inhalation may injure the following organ(s):
Reproductive System

Carcinogenicity:

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: Consult state and local regulations regarding the proper disposal of this material. Not classified as a disposal hazard.

Disposing of Contaminated Packaging: No Information Available

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): None known

Section 15. Regulatory Information

International Inventories:

TSCA (USA):	Listed
DSL (Canada):	Listed
ENCS (Japan)	No Information Available
REACH (Europe):	Polymer exempt
IECSC (China):	Listed
KECL (Korea):	Listed
PICCS (Philippines):	Listed
AICS (Australia):	Listed
NZIOC (New Zealand):	Listed

Federal Regulations:

SARA 313:	No Information Available
SARA 311/312:	Acute: Yes
Clean Water Act:	No Information Available
Clean Air Act, Section 112 HAPs (See 40CFR61):	No Information Available

State Regulations:

Massachusetts Right to Know Components:	None
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



400 PATERSON PLANK ROAD | CARLSTADT, NJ 07072

PHONE: (201) 933-0600 | FAX: (201) 933-8442

WWW.ADVPOLYMER.COM

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 January 15, 2015
Prepared By Advanced Polymer.
Date Revised June 15, 2021
Revised By Advanced Polymer.

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.

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.