



**ADVANCED POLYMER, INC.**

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## APW-326

APW-326 is a silicone wax copolymer emulsion for spray polish applications designed to provide a protective coating with durability, slip and gloss on a variety substrates. APW-326 does not require excessive buffing and will not leave swirl marks on the treated surface. The addition of APW-326 to water with a small amount of agitation will produce a stable dilution at the desired concentration.

### CHARACTERISTICS

- Surface protection with high gloss, lubricity, scratch, abrasion and water resistance.
- Minimal agitation is required to form a stable emulsion.

### FORMULATION & APPLICATION

Component	Concentration (wt %)
APW-326	10% - 12%
Water	90% - 88%

- Add APW-326 to water and mix until uniform.
- Test surface for appearance prior to overall application.
- Surface to be treated should be clean and dry prior to application.

### PACKAGING

APW-326 is available in 8 oz. samples and 441-lb drums.

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### I want to know more!

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### TYPICAL PROPERTIES

Appearance:	Amber liquid
Solid Content:	23%
pH:	6.0
Specific Gravity:	1.01

### You may also be interested in . . .

- APW-312
- APW-319

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Revised March 12, 2010

## APW-326

### Section I Product Identity

Product Name	APW-326
Chemical Name/Family	Silicone Wax Copolymer Emulsion
CAS Registry	Mixture
24 Hour Emergency Number	800-424-9300
24 Hour Chemtrec Number	800-424-9300
All ingredients are listed in EPA's TSCA list of chemical substances	

### Section II Hazardous Components/Composition Information

CHEMICAL :	CAS #:	USOS:	TWA:	STEL:	PERCENT:

### Section III Physical and Chemical Properties

Boiling Point	>212°F
Specific Gravity (H <sub>2</sub> O=1)	1.01
Vapor Pressure	ND
Vapor Density (Air=1)	ND
Percent Volatile By Weight	ND
Evaporation Rate (BuAc=1)	ND
Solubility in Water	Dispersible
Appearance and Odor	Amber liquid with mild odor

### Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	>200°F (Closed Cup)
Flammable Limits in Air (% By Volume)	NA
Extinguishing Media	Water Spray, Foam, Dry Chemical, CO <sub>2</sub> .
Special Fire Fighting Procedures:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment.
Unusual Fire and Explosion Hazard	None. Burning may produce toxic vapors, including formic acid, carbon dioxide, and formaldehyde.

### Section V Reactivity Data

Stability	Stable
Conditions to Avoid	Store in a well ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing
Incompatibilities	Avoid contact with strong oxidizing agents and acids
Hazardous Decomposition or By Products	Combustion may produce CO <sub>2</sub> , CO, and nitrous oxide
Hazardous Polymerization	May Not Occur

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## Section VI Health hazard Data

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Primary Routes of Entry	Inhalation: NO	Dermal: YES	Ingestion: YES
Acute Health hazard	No information available		
Chronic Health Hazard	No information available		
Carcinogenicity	No information available.		
NTP: No	IARC Monograph: No	OSHA Regulated: Yes	

### Signs and Symptoms of Exposure:

Skin Contact	Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.
Eye Contact	Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.
Ingestion	Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.
Inhalation	Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headache, dizziness, nausea, drowsiness and loss of consciousness.

### Medical Condition Generally Aggravated by Exposure

None known

### Emergency First Aid Procedures

Eyes	Immediately flush eyes with plenty of water for at least 20 minutes. Seek medical attention.
Skin	Immediately wash skin with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. If irritation develops or persists, seek medical attention.
Ingestion	First aid is normally not required.
Inhalation	Get to a well-ventilated area. If breathing is difficult, call for prompt medical attention.

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## Section VII Precautions for Safe Handling and Use

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Steps to be Taken in Case the Material is Released or Spilled:

Soak up with sawdust, sand, oil dry or other absorbent material.

Waste Disposal Method:

Dispose of according to EPA, State and Local regulations.

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## Section VIII Special Precautions

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Precautions to be Taken in Handling and Storage:

Storage Conditions: Store at temperatures between 40°F (4.4°C) to 95°F (43.3°C). Store in a tightly closed container. Protect from freezing. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. No smoking in area of storage. **Agitate contents of container before using.**

## Section IX Control Measures

Respiratory Protection	Protective mask for vapor concentrations above exposure limits.	
Ventilation	Local exhaust	Not required
	Mechanical	
	Special	
	Other	
Eye Protection	Safety glasses/goggles should be worn	
Protective Gloves	Rubber or plastic gloves should be worn	
Protective Clothing	Rubber apron	
Other Protective Equipment	NIOSH approved respirator as needed	
Other Precautions	Wash hands after use.	

## Section X SARA Title III

### SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of SECTION 331 of the EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 and of 40 CFR 371

CAS #	Chemical Name	Percent by Weight

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

## Section XI Transportation Information

### SHIPPING INFORMATION

APW-326 is considered non-hazardous and is not regulated by DOT.

## Hazard Ratings

Health	1
Flammability	1
Reactivity	0

Date Prepared ..... March 31, 2009  
Prepared By ..... API  
Date Revised ..... May 11, 2010  
Revised By ..... API

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