

## API-WP66

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### Section 1. Product and Company Identification

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Product Name: **API-WP66**  
Chemical Name/Family: Modified Silane/siloxane Emulsion  
CAS No.: Mixture  
Product Use: Water, Stain and Oil Repellent  
Restrictions: Do not aerosolize  
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

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### Section 2. Hazards Identification

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**GHS Classification:**

Eye Irritation	Not Classified
Skin Irritation	Not Classified
Acute Toxicity, Oral	Category 5
Respiratory Sensitization	Not Classified

**GHS Label:**

**Symbol:** None  
**Signal Word:** Warning

**Hazard Classification:**

**Hazard Statement:** May be harmful if swallowed

**Precautionary Statement:** None

**Potential Health Effects:**

Inhalation of vapor or mist may cause headache, nausea and irritation of the nose, throat and lungs. Inhalation of decomposition products in high concentration may cause shortness of breath (lung edema). May cause eye irritation. May cause tearing, redness or discomfort. May cause skin irritation.

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### Section 3. Hazardous Composition/Information on Ingredients

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Ingredients	CAS No.	Percent (%)
Silane/siloxane emulsion	Proprietary	30.0
Water	7732-18-5	70.0
There are no components contained in this material at concentrations above 1% that are considered hazardous under 29CFR1910.1200.		

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## Section 4. First Aid Measures

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<b>Skin Contact:</b>	Wash affected areas with plenty of water and soap for several minutes. Call a physician if irritation develops.
<b>Eye Contact:</b>	First rinse eyes with water. Remove any contact lenses, and continue washing with running water for at least 15 minutes. Call a physician if irritation develops.
<b>Inhalation:</b>	If inhaled, remove the affected individual immediately to fresh air. Call a physician if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion:</b>	If swallowed seek medical attention immediately and show the doctor packing or label. Do not induce vomiting unless directed to do so by medical personnel. Do not give anything to an unconscious or convulsing person.

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## Section 5. Firefighting Measures

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<b>Fire and Explosion Hazard:</b>	The product itself will flash but not sustain combustion. Hydrolyzes on contact with moisture releasing ignitable vapors. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride, formaldehyde, carbon dioxide, silicon dioxide, nitrogen oxides, carbon monoxide and other hazardous decomposition products may be formed.
<b>Fire Extinguishing Media:</b>	Use alcohol-resistant foam, dry chemical, carbon dioxide, or water in large amounts for surrounding fire.
<b>Unsuitable Extinguishing Media:</b>	None known.
<b>Thermal Decomposition:</b>	To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors.
<b>Special Fire Fighting Information:</b>	Evacuate personnel to safe areas. Wear self-contained breathing apparatus and appropriate full protective equipment. Move containers from area of the fire if this can be done without risk. Cool fire-exposed containers with water. Do not allow run-off from fire-fighting to enter drains or water courses.

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## Section 6. Accidental Release Measures

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<b>Personal Precautions:</b>	Evacuate personnel to safe area. Ensure cleanup is done only by trained personnel. Material can create slippery conditions. Avoid contact with eyes and skin. Avoid inhaling mists and vapours.
<b>Protective Equipment:</b>	Wear personal protective equipment. Ventilate area and exhaust vapours.
<b>Environmental Precautions:</b>	Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.
<b>Methods and Materials for Containment and Cleaning up:</b>	Soak up with sawdust, sand, oil dry or other absorbent material. Pick up and transfer to properly labelled containers. Do not flush away with water.

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## Section 7. Handling and Storage

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<b>Handling Conditions:</b>	Avoid contact with skin, eyes and clothing. Do not breathe vapors, mist or gas. Wash hands thoroughly after handling. Do not spray near open flame or heated surface. <b>**Agitate thoroughly before use**</b> Avoid formation of aerosols.
<b>Storage Conditions:</b>	Keep container tightly closed in a dry, cool and well-ventilated place with temperatures 0°C - 40°C. Keep away from heat, and sunlight. <b>*** WARNING - PROTECT FROM FREEZING***</b> 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.

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## Section 8. Exposure Control/Personal Protection

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<b>Exposure Limits:</b>	None established.
<b>Appropriate engineering controls:</b>	Adequate ventilation must be used during application. Use suitable local exhaust to remove mists or vapors during spray or other applications.
<b>Personal protective equipment:</b>	
Respiratory Protection:	Wear respirator where spraying or vaporizing occurs. A NIOSH approved air purifying respirator is recommended if overexposure to dusts, mists, or vapors could occur.
Hand Protection:	Wear protective gloves.
Eye Protection:	Wear safety glasses with side shields or goggles.
Skin and Body Protection:	Rubber apron, boots or coveralls as necessary to prevent skin contact.
Hygiene Measures:	An eyewash and safety shower should be nearby and ready for use.

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## Section 9. Physical and Chemical Properties

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<b>Physical State:</b>	Liquid Emulsion
<b>Color:</b>	Off white to light yellow
<b>Odor:</b>	Slight
<b>Odor Threshold:</b>	N.D.
<b>pH:</b>	~9
<b>Specific Gravity (77°F):</b>	0.995
<b>% Active:</b>	30
<b>% Volatile by Weight:</b>	N.D.
<b>Melting Point:</b>	N.D.
<b>Freezing Point:</b>	N.D.
<b>Boiling point:</b>	>100°C (>212°F)
<b>Flash Point:</b>	N.D.
<b>Evaporation Rate (BuAc=1):</b>	N.D.
<b>Flammability:</b>	N.D.
<b>Explosion Limits:</b>	(lower) N/D, (upper) N/D
<b>Vapor Pressure (mmHg):</b>	N.D.
<b>Vapor Density (Air=1):</b>	N.D.
<b>Solubility:</b>	Dilutable
<b>Viscosity:</b>	N.D.
<b>Thermal Decomposition Temperature:</b>	N.D.

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## Section 10. Stability and Reactivity

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<b>Chemical Stability:</b>	Stable under normal temperature and pressure.
<b>Hazardous Polymerization:</b>	None
<b>Conditions to Avoid:</b>	Do not overheat to prevent from thermal decomposition. PROTECT FROM FREEZING.

**Incompatible Materials:** Oxidizers, acids, alkalis. Reaction causes the formation of ethanol.

## Section 11. Toxicological Information

### Primary Routes of Entry:

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

Inhalation	Inhalation of decomposition products in high concentration may cause shortness of breath.
Ingestion:	Not expected. May be harmful if swallowed.
Skin:	May cause skin irritation.
Eyes:	May cause eye irritation.

### Signs and Symptoms of Exposures:

<b>Acute Toxicity:</b>	No information available
<b>Chronic Toxicity:</b>	May cause sensitization by skin contact.
<b>Mutagenicity:</b>	No information available
<b>Carcinogenicity:</b>	No carcinogenic ingredients. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels.

IARC:	No	NTP:	No	OSHA:	No
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## Section 12. Ecological Information

<b>Ecotoxicity (Aquatic and Terrestrial):</b>	No information available
<b>Bioaccumulative Potential</b>	No information available
<b>Mobility in Soil:</b>	No information available
<b>PBT and vPvB Assessment:</b>	No information available
<b>Other Adverse Effects:</b>	No information available

## Section 13. Disposal Considerations

<b>Product:</b>	As in accordance with EPA, state and local regulations. Do not dump this product into sewers, on the ground or into any body of water. Dispose according to State and Federal Laws.
<b>Disposing of Contaminated Packaging:</b>	Treat as unused product as above.

## Section 14. Transport Information

<b>US DOT:</b>	API-WP66 is classified as non-hazardous and not regulated for transportation by DOT. Protect from freezing, when exposed to temperatures approaching 0°C (32°F) or below.
<b>Transport by sea IMDG-Code:</b>	Not regulated for transport.
<b>Air transport ICA-TI/IATA-DGR:</b>	Not regulated for transport.

## Section 15. Regulatory Information

### TSCA Inventories:

This material and its components are listed on or are in compliance with the requirements of the TSCA Chemical

Substance Inventory.

**Federal Regulations:**

SARA 313:	None
SARA 311/312:	Fire Hazard
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 listed components.
New Jersey Right to Know Components:	No listed components.
Pennsylvania Right to Know Components:	No listed components.
California Proposition 65:	None

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**Section 16. Other Information**

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<b>WHMIS Classification:</b>	No information available
<b>HMIS Rating:</b>	
Health Hazard	1
Flammability:	2
Reactivity:	1
Personal Protection Equipment:	X

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