



**ADVANCED POLYMER, INC.**

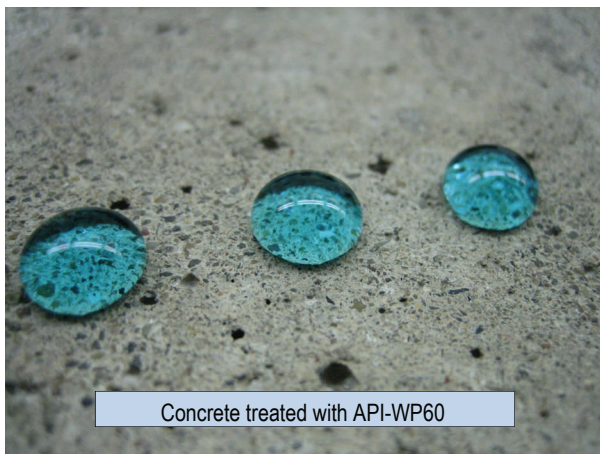
GET THE API ADVANTAGE . . .

## API-WP60

API-WP60 is a low VOC waterproofing sealer that provides oil repellency on concrete, masonry, natural stone and pavers. API-WP60 also imparts excellent water repellency, rapid water bead development, and is quick to dry. The surface to be coated may be used as soon as 3 hours after application.

### CHARACTERISTICS

- Protects Concrete, Brick, Porous Stone
- Oleophobic - repels motor oil and grease
- Water Resistant Finish Prevents Water Staining/Wear
- Non-yellowing. Maintains transparency
- May be formulated into Surface Coatings/Finishes
- Allows substrate to “breathe”



### TYPICAL PROPERTIES

|                            |              |
|----------------------------|--------------|
| Appearance:                | White Liquid |
| Active Content:            | 30%          |
| pH:                        | 9.5          |
| Specific Gravity (@ 25°C): | 0.99         |
| Volatile Organic Content:: | <100 g/l     |

Advanced Polymer, Inc.  
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## API-WP60

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### FORMULATION

| Component | Concentration (wt%) |
|-----------|---------------------|
| API-WP60  | 12–15%              |
| Water     | Balance             |

### APPLICATION

- Add API-WP60 to water and mix until uniform.
- One gallon of formulated API-WP60 will cover 50 sq. ft. to 200 sq. ft. depending on surface texture and porosity.
- Avoid using API-WP60 on non-porous, sealed surfaces.
- Always test each type of surface for appearance and penetration before overall application.
- Surface to be treated must be clean and dry prior to application.
- Do not use in direct sunlight. The temperature of the surface should be 50°F – 85°F at time of application.
- Dries/cures in less than 24 hours.

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#### I want to know more!

[technical@advpolymer.com](mailto:technical@advpolymer.com)

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- AP-2080
- AP-2081

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Revised March 31, 2010

## API-WP60

### Section I Product Identity

|  |              |
|--|--------------|
| Product Name   | API-WP60     |
| Chemical Name/Family   | 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: |
|-------------------------------|--------|-------|------|-------|----------|
| Silane and Polysiloxane blend |        |       |      |       | 28 - 34  |

### Section III Physical and Chemical Properties

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Boiling Point                         | 212°F (min)                       |
| Specific Gravity (H <sub>2</sub> O=1) | 0.99                              |
| Vapor Pressure                        | 23 hPa @20°C                      |
| Vapor Density (Air=1)                 | NA                                |
| Percent Volatile by Weight            | ≈ 80                              |
| Evaporation Rate (BuAc=1)             | NA                                |
| Solubility in Water                   | Disperses readily using a mixer   |
| Appearance and Odor                   | Milky white 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.  |

### Section V Reactivity Data

|  |   |
|--|---|
| Stability                              | Stable  |
| Conditions to Avoid                    | Store in a well-ventilated place at temperatures below 90 F. Keep container tightly closed. Protect from freezing             |
| Incompatibilities                      | Avoid contact with strong oxidizing agents and acids. The pH of the system to which API-WP60 is added must be 8.0 or greater. |
| Hazardous Decomposition or By Products | Combustion may produce CO <sub>2</sub> or CO  |
| 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         |                          |                    |                |
| NTP: No                 | IARC Monograph: No       | OSHA Regulated: No |                |

### 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, loss of coordination, 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. Seek medical attention.   |
| Skin       | Immediately wash skin with soap and water. Wash contaminated clothing before reuse.  |
| Ingestion  | Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician..  |
| Inhalation | Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician. |

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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:

Store at temperatures between 40°F (10°C) to 90°F (32.2°C). Store in a tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain. \*\*\*\* **Protect from freezing. Agitate API-WP60 using low shear mixing prior to use.**\*\*\*\*

**Section IX Control Measures**

|                            |   |              |
|----------------------------|---|--------------|
| Respiratory Protection     | Not required                            |              |
| Ventilation                | Local exhaust                           | Not required |
|                            | Mechanical                              |              |
|                            | Special                                 |              |
|                            | Other                                   |              |
| Eye Protection             | Safety glasses 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

API-WP60 is classified non-hazardous and is not regulated by DOT.

**Hazard Ratings**

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 1 |
| Reactivity   | 1 |

Date Prepared ..... January 3, 2008

Prepared By ..... API

Date Revised ..... March 8, 2010

Revised By ..... API

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