



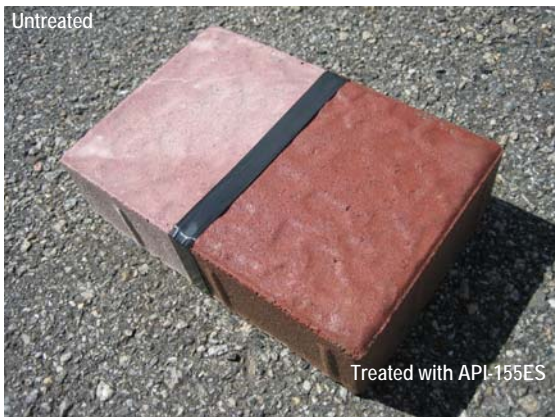
GET THE API ADVANTAGE . . .

## API-155ES

API-155ES water based, solvent free, stone enhancer and sealer. API-155ES will enhance color and impart stain protection to natural stone, brick and masonry surfaces.

### CHARACTERISTICS

- Enhances the natural look of pavers and other masonry
- Imparts excellent water and stain repellency to treated surfaces
- Suitable for interior and exterior use
- Effective on horizontal and vertical surfaces



### FORMULATION & APPLICATION

Component	Amount (wt%)
API-155ES	75% - 100%
Water	Balance
Add API-155ES to water and mix until uniform.	

- One gallon of formulated API-155ES will cover 50 sq. ft. to 200 sq. ft. depending on surface texture and porosity.
- Always test each type of surface for appearance and penetration before overall application.

### TYPICAL PROPERTIES

Appearance:	Amber emulsion
Solid Content:	28%
Specific Gravity (@25°C):	1.0
Ionic Nature:	Non-ionic
Solubility:	Disperses readily in water

Advanced Polymer, Inc.  
 400 Paterson Plank Road  
 Carlstadt, NJ 07072  
 Phone: (201) 933-0600  
 Fax: (201) 933-8442  
[www.advpolymer.com](http://www.advpolymer.com)



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## API-155ES

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- Surface to be treated must be clean and dry prior to application.
- For best results the temperature of the substrate to be coated must be between 50°F – 85°F at time of application. Surface to be treated must be clean and dry prior to application.
- Do not allow API-155ES to pool or puddle.\* Wipe surface dry within 5 minutes of application to prevent residue buildup.
- If additional coats are desired, they should be applied wet on wet (within 5-10 minutes of the initial application).

\* **NOTE:** API-155ES is a penetrating sealer, not a paint or coating. Excess material that does not penetrate into the surface upon application should be removed immediately.

### PACKAGING

API-155ES is available in 8 oz. samples and 441-lb drums.

### You may also be

- APG-1430
- API-GREEN 2008
- API-GREEN 2011
- API-121MS
- API-137B

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### I want to know more!

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

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Revised July 18, 2011

## API-155ES

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### Section I Product Identity

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Product Name: API-155ES  
Chemical Name/Family: Proprietary waterborne 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

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### Section II Hazardous Components/Composition Information

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CHEMICAL :	CAS #:	USOS:	TWA:	STEL:	PERCENT:
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### Section III Physical and Chemical Properties

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Boiling Point	212°F
Specific Gravity (H <sub>2</sub> O=1)	1.0
Vapor Pressure	NA
Vapor Density (Air=1)	NA
Percent Volatile by Weight	72
Evaporation Rate (BuAc=1)	NA
Solubility in Water	Miscible
Appearance and Odor	Off white/amber liquid

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### Section IV Fire and Explosion Hazard Data

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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.

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### Section V Reactivity Data

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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. Aluminum at high temperatures
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  
Chronic Health Hazard  
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.  
Ingestion                      Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.  
Inhalation                      Although ingestion is unlikely, liquid would irritate upper digestive tract if swallowed.

### **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 (4.4°C) to 95°F (43.3°C). Protect from freezing. Store in a tightly closed container. 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 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 COMMUNIUTY 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-155ES is not regulated by DOT.

## Hazard Ratings

Health	1
Flammability	1
Reactivity	0

Date Prepared ..... February 13, 2006  
 Prepared By ..... API  
 Date Revised ..... April 27, 2010  
 Revised By ..... API

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