



ADVANCED POLYMER, INC.

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API-ST-319

API-ST-319 is a silicone resin solution that provides excellent water repellency for stucco, concrete and other masonry surfaces.

FORMULATION & APPLICATION

Ready To Use Stucco Protective Coating:

COMPONENT	CONCENTRATION (wt%)
API-ST-319	2.5 - 5
Stucco Mixture	Balance

- Add API-ST-319 to the ready to use stucco mixture.
- Mix thoroughly.
- Verify that the surface is dry and clean of any foreign materials such as oil, dust, dirt, form release agents, paints, wax, water, frost, etc.
- Follow the manufacturer's guidelines for installation of the stucco mixture.

PACKAGING

API-ST-319 is available in 8 oz. samples and 441-lb. drums.

TYPICAL PROPERTIES

Appearance: Clear colorless liquid
Specific Gravity (@ 25°C): 0.93

Advanced Polymer, Inc.

400 Paterson Plank Road
Carlstadt, NJ 07072
Tel: (201) 933-0600
Fax: (201) 933-8442
www.advpolymer.com

I want to know more!

technical@advpolymer.com

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Revised March 2, 2010

API-ST-319

Section I Product Identity

Product Name:	API-ST-319
Chemical Name/Family:	Resin Solution
CAS Registry:	Proprietary
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	Resin Solution
CAS #	Proprietary
USOS	
PERCENT	>98

Section III Physical and Chemical Properties

Boiling Point	288°F (142°C)
Specific Gravity (H ₂ O=1)	0.93
Vapor Pressure	
Vapor Density (Air=1)	5.6
Percent Volatile By Weight	100%
Evaporation Rate (BuAc=1)	>1
Solubility in Water	Not Soluble
Appearance and Odor	Clear colorless liquid with slight odor

Section IV Fire and Explosion Hazard Data

Flash Point (Method Used)	97°F (36°C) - Open Cup
Flammable Limits in Air (% By Volume)	N.D.
Extinguishing Media	Foam, Dry Chemical, CO ₂
Special Fire Fighting Procedures:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment
Unusual Fire and Explosion Hazard	Combustion can produce nitrogen oxides, toxic and corrosive gasses.

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	Will hydrolyze with water, but no hazard. Avoid contact with strong oxidizing agents and acids.
Hazardous Decomposition or By Products	Combustion may produce CO ₂ , CO and ethanol (flammable liquid)
Hazardous Polymerization	May Not Occur

Section VI Health hazard Data

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. May cause severe irritation.
Eye Contact	Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. May cause severe irritation.
Ingestion	Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed. May cause severe irritation.
Inhalation	May cause severe irritation.

Medical Condition Generally Aggravated by Exposure

Emergency First Aid Procedures

Eyes	Immediately flush eyes with plenty of water. Call a physician.
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.

Section VII Precautions for Safe Handling and Use

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

Turn off ignition sources. Soak up with sand, oil dry or other absorbent material.

Waste Disposal Method As in accordance with EPA and local regulations.

Section VIII Special Precautions

Precautions to be Taken in Handling and Storage:

Store in a well-ventilated place at temperatures below 120°F. Keep container tightly closed.
Keep from freezing *** Agitate contents of container before using ***

Section IX Control Measures

Respiratory Protection:	Ventilation	Local exhaust	Recommended
		Mechanical	Adequate ventilation system
		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:	Eye wash equipment and safety shower should be available. 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 None

Percent by Weight None

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

Section XI Transportation Information

SHIPPING INFORMATION

PRODUCT NAME	API-ST-319
DOT PROPER SHIPPING NAME	Resin Solution
HAZARD CLASS	3
UN NUMBER	UN1866
PACKING GROUP	III
LABEL REQUIREMENTS	Flammable Liquid

Hazard Ratings

Health	1
Flammability	3
Reactivity	0

Date Prepared February 23, 2010

Prepared By API

Date Revised

Revised By

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