

Product Overview

AP-0280 is a reactive silicone copolymer emulsion that does not require a catalyst for application. AP-0280 is a self-curable polymer that provides excellent water repellency on architectural substrates. Due to its unique functionality AP-0280 will provide superior performance.

Physical Properties

APPEARANCE:	Clear to Slightly Hazy Gel
SOLID CONTENT:	80%
CARRIER SOLVENT:	Dispersible in Water
VOC:	~1.7%
SPECIFIC GRAVITY (@25 C)	1.01
PH:	7.0

Applications

- May be formulated into surface coatings/finishes for porous and nonporous building materials.
- Protects wood, brick, cinder block, stucco, etc. from excessive weathering.
- Prevents water staining.
- Provides wear resistance.
- Non-yellowing - assures color stability.

Packaging

Available in 8 oz. samples and 441 lb. drums.

Application Methods

A 4% to 5% active (solids) emulsion of AP-0280 is recommended for application.

To produce a 5% active emulsion:

%	PROCEDURE
93.75	*** Assure that AP-0280 is uniform in the drum. 1 *** Add water at 60oF to 80oF to the vessel.
6.25	Add all AP-0280 to the vessel (material should be stored between 50oF and 90oF) .
-	Turn mixer on slow speed. 2
-	Mix until uniform, no pieces.
-	Adjust the pH to 5.0 using acetic acid.
-	Turn off mixer.
100%	Unload vessel

Notes: 1 If separation or breakdown of the gel phase has taken place, consult Advanced Polymer, Inc. before using.
2 Elevated process temperature and/or excessive mixing may cause emulsion to split.

The prepared mixture may be brushed or sprayed onto the surface to be protected. Allow to air dry for 24 hours before contact with water is made.

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