



CONCRETE & MASONRY
SPECIALTY COATINGS

TM

We Help You Seal Better®

Seal Pro Polycrete Data Sheet

Polymer Admixture
Exterior / Interior

Seal Pro Polycrete is specifically designed to be used in the formulation of polymer cement type composites. When added to Portland cement with sand and water in the proper proportions, it creates a new flexible, adhesive, cementitious compound which can be used to repair and resurface a multitude of substrates. Polycrete is used for stamped overlays. This product can be acid stained and or dyed.

Polycrete polymer is ideal for underlayment leveling for tile or re-pitching for drainage also thin section patching, resurfacing, repairing concrete sidewalks, ramps, steps and walls Polycrete is excellent as a texture coating to provide a nonskid or slip resistant finish. At a seven day cure the compressive strength is 6500 psi.

SURFACE PREPARATION:

Surface should be free of all dirt, oil, grease or any other foreign matter. Use whatever method of cleaning you deem necessary such as power washing, acid washing, sand blasting, etc. Surface should be structurally sound. It is the applicators responsibility to determine suitability of the substrate for candidacy of resurfacing.

LIMITATIONS: This product is designed for professional use by trained, licensed contractors who will determine mixing ratios and suitability of substrates for application. Due to factors beyond our control, such as condition of the substrate, it is the responsibility of the applicator to test, evaluate the product and make their own decision of the suitability of the product for their particular purpose.

PRECAUTIONS:

Use with adequate ventilation to avoid buildup of fumes. Use approved OSHA breathing apparatus. Do not store in direct sunlight or where temperatures exceed 140° F. Do not allow product to freeze. Avoid prolong contact with skin.

COVERAGE RATE:

Approximately 1500 sqft @ 1/16th" 240 sqft @ 1/4" per 5 gallon bucket.

APPLICATION METHODS:

Squeegee, Trowel Hopper Gun Sprayer

Mixing Equipment :

Portable Mixer
Electric Drill/Paddle
5 Gallon Buckets

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Cement mortar or concrete modified with Polycrete Polymer exhibits increased physical, tensile, sheer bond, flexural and comprehensive strength. It increases resistance to water, abrasion, freeze/thaw and chemical attack.

***Starting Mixing Ratios By Volume**

Recommend

1/2 white 1/2 gray Portland
cement type I or II

Bond Coat:

1 part Seal Pro Polycrete
1 part water
2 parts cement
2 parts #60 mesh sand

Patching Leveling Coat:

1 part Seal Pro Polycrete
2 part water
3 part cement
6-9 parts #60 mesh sand

Texture Coat:

1 part Seal Pro Polycrete
2 part water
3 part cement
3-6 parts # 60 mesh sand

*The mixing instructions are only suggested, as the job and application method can dictate the size and amount of sand, etc.

Specifications:	
Form:	Milky White Liquid
Solid Content:	50%
Specific Gravity:	1.00
Weight Per Gallon:	8.61 lbs
Flash Point (ASTM 3243):	Non-Flammable
VOC Content (ASTM D 3960-87):	≤50 Gr/Ltr
Shelf Life:	Indefinite
Pencil Hardness (ASTMD 3363):	N\A
Tukon Hardness (ASTMD 1474):	N\A
Adhesion (ASTM D 3359):	Excellent
Chemical Resistance (ASTM D 1308-87) 12 Chemicals:	N\A
Skid Resistance (ASTM C 1028-84) Dry :	N\A
Gloss (Gardner 60 Meter):	N\A
Exterior Durability:	Excellent
Flexibility (ASTM D 1737 1/8 Mandrels):	N\A
Vehicle:	Water

Manufactured By:

Seal Pro USA

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Phone 541.773.1914

www.sealprousa.com

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SECTION ONE: PRODUCTION IDENTIFICATION**TRADE NAME: SEAL PRO POLYCRETE**

Date of preparation: Revised 02.20.2013

Emergency phone: CHEMTREC 800.424.9300

HMIS Ratings: H-1 F-0 R-0

SEAL PRO USA 551 BUSINESS PARK DR. MEDFORD OR 97504

Phone 888.773.1914

SECTION TWO: HAZARDOUS INGREDIENTS

Components	CAS#	PEL ppm	TLV ppm	STEL	Approx. Weight (%)
Ammonia	7664-41-7	50 ppm	25 ppm	Unknown	~0.155%/WT.
Acrylic Esters	Mixtures	Unknown	10 ppm	Unknown	~0.25%/WT.
Styrene	0100-42-5	Unknown	50 ppm	100 ppm	~0.010%/WT.

This MSDS complies with the OSHA hazard communication standard (29 CFR 1910.1200).

Unlisted ingredients are not hazardous per this OSHA standard and are considered to be trade secrets of Seal Pro USA. Consult Section 12 for the nature of the hazard(s).

SECTION THREE: PRECAUTIONARY INFORMATION

Product not considered hazardous under normal conditions. Direct contact of product with eyes can cause irritation. Prolonged or repeated contact with skin may cause irritation.

SECTION FOUR: EMERGENCY AND FIRST AID PROCEDURES

Eye: Flush immediately with water for 15 minutes. Consult a physician if irritation persists.

Skin: Wash affected area with soap and water. Wash contaminated clothing before reuse.

Inhaled: Remove subject to fresh air.

Fire: Product is non-flammable in the liquid state. Use water spray, foam, dry chemical or carbon dioxide on dried product.

Spill: Collect and remove using inert absorbent. Contain spill to prevent entering sewers. Notify appropriate agencies.

SECTION FIVE: PERSONAL PROTECTION EQUIPMENT

Eye: Wear chemical safety goggles to reduce the potential for eye contact. Eye wash fountain should be available.

Skin: Use impermeable chemical gloves and wear appropriate protective clothing. Launder contaminated clothing before reusing.

Respiratory: Respiratory protection is not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.

Ventilation: Standard industrial ventilation is recommended.

SECTION SIX: FIRE PROTECTION

Flash point: Non-flammable.

Extinguishing media: Non-flammable in liquid state; use water spray, foam, dry chemical. Use carbon dioxide on dried product.

Unusual fire and explosion hazard: Personnel exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Containers exposed in a fire should be cooled with water to prevent vapor pressure buildup leading to a rupture.

SECTION SEVEN: REACTIVITY INFORMATION

Stability: Stable

Incompatibility: Not established

Hazardous decomposition: Combustion of the dried product can yield low molecular weight hydrocarbons such as carbon monoxide and carbon dioxide.

Hazardous polymerization: Will not occur.

SECTION EIGHT: EFFECTS OF OVEREXPOSURE

Eyes: Eye contact with liquid may cause irritation.

Skin: Repeated or prolonged skin contact with liquid may cause irritation.

Inhalation: No expected effects.

Chronic: No anticipated effects. This product does not contain regulated levels of NTP, IARC or OSHA listed carcinogens.

Existing health conditions affected by exposure: No known effects on other illnesses.

SECTION NINE: PHYSICAL DATA

Physical state: Liquid

Weight/gallon 8.60 lbs

Solids: 50.0%+1% by weight.

PH: 10

Viscosity (Brookfield) 100+ 50 cps, #2/100 rpm/70°F.

Boiling point: >200°F.

Solubility in water: Dilutable

SECTION TEN: SPILL AND DISPOSAL INFORMATION

Small spills: Contain using absorbent material, such as clay, soil or any commercially available absorbent. Shovel reclaimed liquid and absorbent into recovery or salvage drums for disposal.

Large spills: Dike to prevent further movement and reclaim into recovery or salvage drums for disposal.

Disposal: This product does not meet the definition of hazardous waste under the EPA hazardous waste regulations 40 CFR 261. Consult your state or local authorities for proper disposal in the event more restrictive requirements apply.

SECTION ELEVEN: STORAGE

Protect from freezing - Product stability may be affected.

SECTION TWELVE: REGULATORY INFORMATION

TOSCA: This product meets the compositional requirements under the regulations of the chemical substance inventory, TOSCA, public law 94-469.

SARA Title III, Section 313: This product does not contain toxic chemical(s) at or above the minimum concentrations subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

Chemical name/NA CAS number/NA Percent/NA

California prop. 65: "Warning": This product may contain detectable amounts of a chemical(s) known to California to cause cancer and/or birth defects or other reproductive harm.

NEPA rating: Not established

HMIS ratings: H - health: 1

F - Flammability: 0

R - Reactivity: 0

Personal protection: B

This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.