



CONCRETE & MASONRY  
SPECIALTY COATINGS

TM

*We Help You Seal Better®*

# Seal Pro HardTec Data Sheet

Densifier / Hardener / Sealer

Seal Pro HardTec is a clear, water base highly modified silicate-polymer blend designed to cut application labor cost as well as future maintenance cost. This product is formulated to produce an extremely hard and dense surface and sub-surface over time as the substrate wears. Thus greatly improving its' integrity. Surfaces treated with HardTec exhibit excellent resistance to the damage caused by UV radiation oil penetration and water.

**SURFACE PREPARATION:**  
The surface to be treated must be free of all oil, dust, dirt and other contaminants. Power washing and thorough rinsing is the preferred method of surface preparation. Surface imperfections and cracks larger than 1/16" should be repaired with caulk or other filler material. All caulks and repair materials should be in place and cured prior to the application of HardTec.

**APPLICATION:**  
Surface must be dry. Application may be accomplished by spraying or lamb's wool applicator. Apply one coat. Seal Pro 150 will penetrate deeply into most surfaces. Clean equipment with water.

**COVERAGE RATE:**  
Weather conditions, porosity, texture of the surface and film build will determine the amount of product necessary for effective treatment. Total amount of product required for one coat will range between 300-400 sqft. per gallon.

**LIMITATIONS:**  
Seal Pro HardTec should not be used on substrates with an existing finish. Do not store in direct sunlight or where temperatures exceed 140° F. Do not allow product to freeze. Avoid breathing spray mist and prolong contact with skin.

**PRECAUTIONS:**  
Use with adequate ventilation, or use approved OSHA breathing apparatus. Do not store in direct sunlight. Do not allow product to freeze. Avoid breathing spray mist and contact with skin. Read product label and MSDS.

**Seal Better!**  
**Products and Services to Solve Problems**

- Surface Densifier / Dust Proofing
- Provides a Natural Look
- Water Resistant
- Helps Control Efflorescence
- Highly Wear Resistant
- Easy Application

Specifications:	
Form:	Milky Liquid
Solid Content:	23
Specific Gravity:	.81
Weight Per Gallon:	7.5
Flash Point (ASTM 3243):	N/A
VOC Content (ASTM D 3960-87):	≤50 gr/ltr
Shelf Life:	2 Years
Pencil Hardness (ASTMD 3363):	N/A
Tukon Hardness (ASTMD 1474):	N/A
Adhesion (ASTM D 3359):	Outstanding
Chemical Resistance (ASTM D 1308-87) 12 Chemicals:	No effect
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  
551 Business Park Dr  
Medford, OR 97504  
Phone 541.773.1914

[www.sealprousa.com](http://www.sealprousa.com)

Seal Pro USA makes no warranty or merchantability or fitness for any purpose and expressly disclaims liability for consequential or incidental damages, whether based on warranty or negligence. Buyer's sole remedy shall be product refund or replacement.

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MATERIAL SAFETY DATA SHEET

SEAL PRO HARDTEC

**SECTION ONE: PRODUCTION IDENTIFICATION**

**TRADE NAME: SEAL PRO HARDTEC**

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.

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: 23%+1% by weight.

PH: 8.5-9.5

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 PA 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, and public law-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 (SARS) 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: 1

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.