



Product Data Sheet

SealSource International:

SS PremiumSeal

Water-Based Concrete Sealer

EQ Credit 4: Low – emitting VOC Compliant Materials

Product Description-

SS PremiumSeal gives concrete and masonry surfaces invisible protection against oil, grease and many other harmful substances. SS PremiumSeal is a non-flammable, non-toxic, water-based formulation for use on most Portland cement, wood and masonry surfaces. It contains no solvents, or harmful levels of VOC's and is odorless during and after application.

Uses-

SS PremiumSeal can be used on new or existing concrete, wood and masonry.

Physical Properties-

Light tan liquid, water-based solution

Shelf Life 1 year in factory sealed container

Total Solids 19%

Active Ingredients 100% of total solids

Specific Gravity 1.00

pH 4.0 - 6.0

Flash Point N/A

VOC Content 50<gms/L 0 lbs/gal or 0 g/L per gallon

Freeze Point 32° F (0°)

Depth of Surface Penetration 2-8 mm

Advantages-

- Oil repellent – Protects surface against staining from oils, fuels, gasses and fatty-materials.
- Penetrating – Deep penetration allows for better protection of the surface long-term.
- Invisible – Clear product that will not change the appearance of the surface.
- Safe – Non toxic, water-based and non-flammable.

Packaging-

- 55 Gallon Drums-Drum containers filled by weight, volume is closely approximate.
- 5 Gallon Pails

Mixing-

SS PremiumSeal is a single component product. Prior to use shake container or stir for one to two minutes.

Safety-

- Read Material Safety Data Sheet before using
- Keep out of reach of children
- Protect from freezing
- Wear safety glasses and rubber gloves
- Do not apply to soft metals
- Do not apply to glass

Application Recommendations-

SS PremiumSeal should be applied by low pressure sprayer, airless sprayer, roller or brush. Apply at 200-400 sq. ft. per gallon average rate will vary depending on surface porosity.

* Certified Applicator is required for all national accounts

Preparation and Installation-

Concrete must be clean, structurally sound and free of wax, dirt, coatings, paint, curing compounds, and petrochemicals. Random cracks, damaged control joints, and new construction joints should be properly prepared. Concrete laitance should be removed. Air-blast or vacuum concrete dust prior to installing SS PremiumSeal. Hard steel troweled surfaces should be water tested for penetration characteristics. Horizontal and vertical concrete or masonry surfaces should be sand blasted or shot blasted prior to application for maximum penetration. Shelf Life- One year, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F.

Warranty-

SealSource International will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

Technical Services, Sales and Customer Support (800) 305-9144

Chemical Resistance Chart

SS PremiumSeal™

END OF PART 1 OF 2

ALCOHOLS & SOLVENTS

[illegible]

ADDENDUM

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| Benzaldehyde | + | + | ++ | ++ | + | + | + | ++ | NO |
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AIMS

[illegible]

PLASMA POLYMERIZATION

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FATS AND OILS

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| Compressed Oil | - | - | - | - | - | - | - | - | - |
| Lard | - | - | - | - | - | - | - | - | - |
| Light oil above 35 Baume | - | - | - | - | - | - | - | - | - |
| Oleomargarine | - | - | - | - | - | - | - | - | - |
| Olive Oil | - | - | - | - | - | - | - | - | - |
| White Mineral Oil | - | - | - | - | - | - | - | - | - |

How to Use This Book

[illegible]

HYDRO-CARBONATE

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[illegible]

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INTERNET EDITION

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|--------------------------------------|---|---|---|---|----|
| Barium Hydroxide Concentrate | → | → | → | → | NE |
| Calcium Hydroxide Concentrate | → | → | → | → | NE |
| Potassium Hydroxide | + | → | → | → | N |
| Sodium Hydroxide | + | + | → | → | N |

Keywords:

| | | | | | | | | |
|------------------------|---|-----|-----|----|-----|-----|----|----|
| Acetone | - | + | + | + | +/- | +/- | ++ | ++ |
| Methyl Ethyl Ketone | | | | | + | +/- | ++ | ++ |
| Methyl Isobutyl Ketone | + | +/- | +/- | ++ | ++ | ++ | ++ | ++ |

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WILLIAM POWELL

| | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|
| ASTM No.1 Oil | - | + | + | + | + | + | + | + | + |
| ASTM No.2 Oil | - | + | + | + | + | + | + | + | + |
| ASTM No.3 Oil | - | + | + | + | + | + | + | + | + |
| ASTM Fuel A | - | + | + | + | + | + | + | + | + |
| ASTM Fuel B | - | + | + | + | + | + | + | + | + |
| ASTM Fuel C | - | + | + | + | + | + | + | + | + |
| Heating Fuel Oil | - | + | + | + | + | + | + | + | + |
| Jet-Air-Craft Engine Oil | - | + | + | + | + | + | + | + | + |
| Lubricants Oil | - | + | + | + | + | + | + | + | + |

Abstract

[illegible]

SALT

| | | | | | | |
|------------------------|---|---|---|---|---|---|
| Arsenic Chloride | + | + | + | + | + | + |
| Arsenic Nitrate | + | + | + | + | + | + |
| Barium Chloride | + | + | + | + | + | + |
| Calcium Chloride | + | + | + | + | + | + |
| Calcium Hypochlorite | + | + | + | + | + | + |
| Cupric Chloride | + | + | + | + | + | + |
| Cupric Sulphate | + | + | + | + | + | + |
| Ferric Chloride | + | + | + | + | + | + |
| Ferric Nitrate | + | + | + | + | + | + |
| Ferrous Sulphate | + | + | + | + | + | + |
| Iodine | + | + | + | + | + | + |
| Magnesium Chloride | + | + | + | + | + | + |
| Magnesium Sulphate | + | + | + | + | + | + |
| Nickel Sulphate | + | + | + | + | + | + |
| Potassium Chloride | + | + | + | + | + | + |
| Potassium Permanganate | + | + | + | + | + | + |
| Potassium Dichromate | + | + | + | + | + | + |
| Sodium Borax | + | + | + | + | + | + |
| Sodium Bicarbonate | + | + | + | + | + | + |
| Sodium Chloride | + | + | + | + | + | + |
| Zinc Nitrate | + | + | + | + | + | + |

WSTW

[illegible]

The above overhead ducts were tested based on the following parameters: tests to fit capacity by means of rotating orifier system. Therefore, the measurement of the overall effect determines the level of success based on three indicators. However, the overall status can be influenced due to the various conditions, which are, but not limited to: design of the orifice, orifice temperature, including volumetric flow, orifice size of the ducted flow or wall or the concentration of work involved. The information provided in the chemical reactions can be used on suitable data, but all work parameters are specified based on gasifier or reactor conditions. LC provides parameters, including specific volumes with their technical documents prior to application.