



Product Data Sheet

SealSource International:
Nano Lithium Concrete Hardener/Sealer
EQ Credit 4: Low – emitting VOC Compliant Materials

SS LineGuard

Product Description-

SealSource International's SS LineGuard is a unique penetrating material that provides strong protection for the SS LineStripe, as well as, providing superior stain resistance. SS LineGuard increases abrasion resistance, and seals the SS LineStripe. It provides a deep, rich sheen that enhances the look of the line or marking and intensifies the color. This revolutionary protection and durability is unmatched in the industry.

Uses-

SS LineGuard's combination of industrial durability and aesthetic value allows it to be an excellent application for industrial uses, as well as, retail, manufacturing, etc.. In addition, the superiority of the stain protection allows restaurants, grocery stores, retail stores, warehouses, etc. to maintain a clean and stain free line or marking.

Advantages-

- Water/Oil Repellent
- Increased Light Reflective
- Penetrating
- High Sheen
- Stain Resistance
- Meets and Exceeds OSHA and ADA coefficient of friction
- Reduced Maintenance Costs
- Fast Cure Times
- No Odors
- Increased Abrasion Resistance

Physical Properties-

Form Milky white, aqueous solution
Total Solids 23%
Active Ingredients 100% of total solids
Specific Gravity 1.09
pH 11.5
Flash Point N/A
VOC Content 50<gms/L Less than 50 gms/L
Freeze Point 32° F (0°)
Abrasion Resistance excellent
Depth of Surface Penetration 2-8 mm
Shelf Life 6 months in factory sealed container

Packaging-

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

Mixing-

SS LineGuard 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 LineGuard should be applied by a low pressure sprayer or airless sprayer and must be pulled out over the line or marking using a polyester micro-fiber applicator. Minimum 2 applications. Allow material to dry for 1 hour in between applications.

Shelf Life-

Six Months, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F.

Warranty-

SealSource International LLC, 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 LineGuard

{ NO EFFECT = NE MODERATE EFFECT = M SEVERE EFFECT = S }

ALCOHOLS & SOLVENTS

| | |
|----------------------|----|
| Benzyl Alcohol | NE |
| Carbon Tetrachloride | NE |
| Ethyl Alcohol | NE |
| Isopropyl Alcohol | NE |
| Glycerol | NE |
| Methyl Alcohol | NE |
| Ethylene Glycol | NE |
| Glycerol I-Hexanol | NE |
| Resorcinol | NE |
| T-Butyl Alcohol | NE |
| Trichloroethylene | NE |

ALDEHYDES

| | |
|--------------|----|
| Benzaldehyde | NE |
| Butraldehyde | NE |
| Furfural | NE |

AMINES

| | |
|-----------------|----|
| Aniline | NE |
| Triethanolamine | NE |

CLEANING SOLUTIONS

| | |
|-----------------------|----|
| Calgonite | NE |
| Chlorox | NE |
| Chlorox Concentrate | NE |
| Joy | NE |
| Joy Concentrate | NE |
| Lestoil | NE |
| Lux Flakes | NE |
| Rinse Dry | NE |
| Rinse Dry Concentrate | NE |
| Tide Concentrate | NE |

ESTERS

| | |
|---------------------|----|
| Amyl Acetate | NE |
| Dibutyl Sebacate | NE |
| Diocetyl Phthalate | NE |
| Ethyl Acetate | NE |
| Tricresyl Phosphate | NE |

ETHERS

| | |
|-----------------------------------|----|
| Dibenzyl Ether | NE |
| Diethylene Glycol Monobutyl Ether | NE |
| Ethyl Ether | NE |

FATS AND OILS

| | |
|--------------------------|----|
| Butter | NE |
| Castor Oil | NE |
| Cottonseed Oil | NE |
| Lard | NE |
| Light oil above 35 Baume | NE |
| Oleomargarine | NE |
| Olive Oil | NE |
| White Mineral Oil | NE |

HALOGENATED HYDROCARBONS

| | |
|---------------------------------|----|
| Benzyl Chloride | NE |
| Bromobenzene | NE |
| Carbon Tetrachloride | NE |
| Chloroform | NE |
| Ethylene Dichloride | NE |
| Ethylene Glycol Monoethyl Ether | NE |
| Perchloroethylene | NE |

HYDROCARBONS

| | |
|-------------------|----|
| Benzene | NE |
| Carbon Disulphide | NE |
| Cyclohexane | NE |
| Ethylbenzene | NE |
| Heptane | NE |
| Hexane | NE |
| Naphthalene | NE |
| Nitrobenzene | NE |
| Toluene | NE |
| Xylene | NE |

HYDRAULIC FLUIDS

| | |
|--------------------|----|
| Brake Fluid | NE |
| Oronite 8200 | NE |
| Pydraul F9 | NE |
| Pydraul 60 | NE |
| Skydrol | M |
| Skydrol 500 | M |
| Transmission Fluid | NE |

INORGANIC ACIDS

| | |
|-------------------------------|---|
| Chlorosulphonic Acid | S |
| Chromic Acid | M |
| Chromic Acid | M |
| Hydrochloric Acid | M |
| Hydrochloric Acid Concentrate | M |
| Hydrofluoric Acid | S |
| Hydrofluoric Acid Concentrate | S |
| Nitric Acid | S |
| Phosphoric Acid Concentrate | M |
| Sulphuric Acid | M |

INORGANIC BASES

| | |
|-------------------------------|----|
| Barium Hydroxide Concentrate | NE |
| Calcium Hydroxide Concentrate | NE |
| Potassium Hydroxide | M |
| Sodium Hydroxide | M |

KETONES

| | |
|------------------------|----|
| Acetone | NE |
| Methyl Ethyl Ketone | NE |
| Methyl Isobutyl Ketone | NE |

MISCELLANEOUS

| | |
|---------------------------------|----|
| Antifreeze | NE |
| Cold Ashes | NE |
| Buttermilk | NE |
| Chlorine Gas | NE |
| Gelatin | NE |
| Glucose | NE |
| Molasses | NE |
| Nickel Plating Solutions | S |
| Ores | NE |
| Cider | NE |
| Coal | NE |
| Corn Syrup | NE |
| Fermenting Fruits or Vegetables | NE |
| Formaldehyde | NE |
| Hydrogen Sulfide | NE |
| Manure | NE |
| Sauerkraut | NE |
| Sugar | NE |
| Sulfite Liquor | NE |
| Sulfur Dioxide | NE |
| Tanning Bark | M |
| Tanning Liquor | M |

OILS AND FUELS

| | |
|-------------------------|----|
| A.S.T.M. No. 1 Oil | NE |
| A.S.T.M. No. 2 Oil | NE |
| A.S.T.M. No. 3 Oil | NE |
| A.S.T.M. Fuel A | NE |
| A.S.T.M. Fuel B | NE |
| A.S.T.M. Fuel C | NE |
| Heating Fuel Oil | NE |
| Jet Aircraft Engine Oil | NE |
| Lignite Oils | NE |

ORGANIC ACIDS

| | |
|-------------------------------|----|
| Acetic Acid | M |
| Acetic Acid - Glacial | M |
| Acid Waters pH/6.5 Boric Acid | NE |
| Carbolic Acid Carbonic Acid | NE |
| Chromic Acid | NE |
| Citric Acid Formic Acid | M |
| Humic Acid | M |
| Hydrochloric Acid | M |
| Lactic Acid | M |
| Oleic Acid | NE |
| Oxalic Acid | M |
| Phenol Acid | M |
| Phosphoric 10% | NE |
| Phosphoric 85% | M |
| Wine | NE |

SALTS

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

WATER

| | |
|-----------------------------|----|
| Distilled Water | NE |
| Mine Water/Waste | NE |
| Sea Water | NE |
| Soft Water/75 ppm Carbonate | NE |

The above mentioned chemicals were tested based on the following parameters: attack to the concrete by means of staining and/or erosion. Therefore, the measure of the overall effect determines the level of concern based on those indicators. However, the overall attack can be altered due to the various conditions, which are, but not limited to, design of the concrete, ambient temperature, including the humidity levels, contact time of the chemical itself as well as the concentration of such chemical. The information contained in this chemical resistance chart is based on reliable data, but all such recommendations are specified without guarantee or warranty. SealSource, L.C. strongly recommends discussing specific concerns with their technical department prior to application.