TECHNICAL DATA SHEET

Solvent Seal 223

SOLVENT ACRYLIC HI-SOLIDS SATIN SEALER

PRODUCT DESCRIPTION:

Solvent Seal 223 is a 100% acrylic based high solids sealer when applied produces a satin finish specifically designed for concrete coatings and polymer concrete surfaces. Solvent Seal *223's* 100% acrylic resins provide excellent U.V. resistance and weather-ability and are designed for unprimed or pre-primed interior or exterior surfaces such as colored concrete, acid stained concrete, exposed aggregate concrete, light warehouse flooring, porous tile, polymer modified surfaces, patios, sidewalks, etc. Solvent Seal *223* is fast drying and forms a film that seals pores and helps prevent concrete from pitting while providing excellent resistance from wear, abrasion, and staining. Solvent Seal *223* can be thinned with acetone, MEK, 235c Solvent or xylene to provide better flow and penetration if required. A gloss version of the material is available as Solvent Seal 225.

- ? *Excellent U.V. Resistance*
- ? *Excellent Weather-ability*
- ? *Good Chemical Resistance*
- ? *Satin Finish*
- ? *Excellent Durability*
- ? *Abrasion Resistant*
- ? *Non-Yellowing*
- ? *V.O.C. Compliant*
- ? *High Stain Resistance*

USES:

- ? *Concrete Flooring*
- ? *Exposed Aggregate*
- ? *Pool Decking*
- ? *Acid Stained Concrete*
- ? *Patios*
- ? *Sidewalks*

PHYSICAL PROPERTIES:

Vehicle	*100% Acrylic Resins*
Finish	*Satin*
Thinner / Reducer	*Xylene, 235s Solvent,MEK or Acetone*
Weight Solids	*31.0 +/- .5%*
Volatile Organic Solvent	*420 grams/liter maximum*
Weight / Gallon	*7.6 lbs/gal. +/- 2%*
Standard Coverage	*200 - 300 ft^2 / gallon*
Satin @ 60 ^{o}	*20*
Viscosity (Kreb Units)	*55 K.U. Maximum*
Dry Time (77 F & 50% Rel. Humidity.)	*To Recoat: 4 hours or tack free* *Light Traffic: 24 hours* *Full Cure: 7 days*

SHELF LIFE:
Twelve months when stored at an ambient temperature of 77° Fahrenheit between 0 - 50% relative humidity.
DO NOT ALLOW TO FREEZE. DO NOT EXPOSE METAL CANS TO WATER.

Packaging: *1 gallon – 1 gallon cans*
5 gallon – 5 gallon pails

1458 North 26th Avenue, Phoenix, Arizona 85009 Tel 602-484-7300 Fax 602-484-7313 Toll Free 1-888-485-7300

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SURFACE PREPARATION:

Surfaces should be clean and free from contamination by dirt, oils, waxes, chalking, bacteria, cleaning, curing, and etching agents, neutralizing agents, loose or peeling coatings, to ensure proper adhesion to the substrate. A moisture vapor emissions test is recommended. Proper evaluation of the substrate to determine the appropriate preparation needed to apply this coating is the sole responsibility of the applicator. The following information is given as a guide. When acid etching: Use a solution of Muratic acid 4:1 followed by an ammonia neutralizer 16:1 followed by power washing with a minimum of 3000psi to ensure maximum bond to the substrate. When applying over existing coatings: Surfaces should be sanded with 60-80 grit sand disc or equivalently abraded prior to coating.

APPLICATION:

Bond strength of this coating over existing coatings should be determined by pre-testing. Always mix with uncontaminated paddles. Mix this product well before use. Apply with brush, roller, or conventional spray. Two thin coats are recommended, the second coat should be applied 90° of the first coat. The second coat should be applied in no longer than 24 hours after the first coat. Do not apply coating unless substrate temperature is 50° F and rising or 100° F and falling. It is recommended that this coating system should not be exposed to water or moisture before surface film is totally dried. Contamination with moisture can cause whitening and bubbles in the film. Clean with Xylene, Acetone or M.E.K. Can be thinned 1 pint to 1 quart of acetone, MEK, 235s Solvent or xylene per gallon. Dispose of all waste in accordance with local state and federal organizations.

KEEP OUT OF THE REACH OF CHILDREN.

This material is combustible keep away from flames.

Do not take internally. Immediately wash hands or any part of your body, which comes into, contact with this product. Wear appropriate protective equipment. Avoid breathing vapor, mist or fumes. Use appropriate respirator for solvent systems and use only in well ventilated areas. Do not use in tank or pit without proper protection. Use product in accordance with this product data sheet, any variance voids all warranties and liabilities.

Read Material Safety Data Sheet before use of this product.

IMPORTANT NOTICE TO PURCHASER:

The information contained in this document is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Veron Coating Systems, Inc. knowledge obtained from sources believed by Veron Coating Systems, Inc. to be accurate. Veron Coating Systems, Inc. does not assume any legal responsibility for use or reliance upon the information contained in this document. Qualified professionals must perform all product testing and applications. Before using any chemical product, read its Material Safety Data Sheet.

WARRANTY

This product is warranted to be free of defect to the original purchaser. Any unused product proven to be defective must be returned to the seller for replacement. Any warranty of this product is limited to the replacement of any purchased product that has been paid for in full and been shown to be defective. The seller or manufacturers only obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, incidental or consequential, arising out of the use of or misuse of this product. Before using this product the applicator shall determine the suitability of this product for the intended use and the applicator assumes all liability whatsoever in connection therewith.

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