



# PRODUCT DATA SHEET

PROD. #51-HS  
**SHIELD'S ALL PAVERSEAL HIGH SOLIDS  
 CLEAR SEALER/FINISH**



## PRODUCT DESCRIPTION

Shield's All PaverSeal High Solids Clear Gloss Sealer/Finish is a specially formulated clear sealer and finish coating designed for application to new brick pavers, concrete floors, and other new cementitious type floor substrates. Formulated to provide a higher solids film build finish, it provides an extremely durable finish that also penetrates and seals the surface, while providing excellent resistance to surface powdering, oil and grease stains, as well as providing superior resistance to moisture. It is easy to apply, provides excellent coverage and adhesion, excellent wear and weather resistance, and it resists yellowing. It provides superior UV resistance, has excellent product versatility, and its high gloss finish enhances the color of the surface, seals and waterproofs the surface, and helps resist hot tire pick-up. For Exterior Use Only.



MEETS MPI STANDARD #104 OF THE MASTER PAINTERS INSTITUTE'S APPROVED PRODUCTS LIST.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES												
<ul style="list-style-type: none"> <li>Solvent Acrylic Formula</li> <li>High Solids</li> <li>Penetrates &amp; Seals</li> <li>Moisture Resistant</li> <li>Stain Resistant</li> <li>Excellent Coverage</li> <li>Excellent Durability</li> <li>Excellent Wear Resistance</li> <li>Easy To Apply</li> </ul>	<p><i>Suitable for, but not limited to application on the following properly prepared surfaces;</i></p> <p><b>EXTERIOR</b></p> <table> <tr> <td>Brick Pavers</td> <td>Kool Decks</td> </tr> <tr> <td>Stamped Concrete</td> <td>Pool Decks</td> </tr> <tr> <td>Patios</td> <td>Loading Docks</td> </tr> <tr> <td>Concrete Floors</td> <td>Decorative Brick</td> </tr> <tr> <td>Garage Floors</td> <td>Stone</td> </tr> <tr> <td>Warehouse Floors</td> <td>Cobblestone</td> </tr> </table> <p><b>NOTE: RECOMMENDED FOR NEW SURFACES ONLY!</b></p>	Brick Pavers	Kool Decks	Stamped Concrete	Pool Decks	Patios	Loading Docks	Concrete Floors	Decorative Brick	Garage Floors	Stone	Warehouse Floors	Cobblestone	<p><b>Product Quality:</b> Premium / Best</p> <p><b>Product Use:</b> Exterior Only</p> <p><b>Application Methods:</b> Brush, Roller &amp; Airless Spray</p> <p><b>Product System:</b> Solvent-Based</p> <p><b>Sheen:</b> High Gloss</p> <p><b>VOC Compliance:</b> N/A</p> <p><b>MPI Standards:</b> Standard #104</p>
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## SURFACE PREPARATION

**General:** The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- All new cementitious surfaces should be allowed 30 – 90 days to properly dry/cure before product application. All curing compounds and release agents must be properly removed.
- Most concrete and masonry substrates will need to be acid washed prior to product application by mixing a 1:3 ratio of muriatic acid and water, per gallon solution. **Special Note: Please observe all noted safety precautions when working with Muriatic Acid, and carefully read all label specifications pertaining to the safe mixing of this material!**
- Working in sections, spread solution evenly with a firm bristle push broom and allow acid solution to effervesce, or boil the surface until it has completely stopped, (approx. 10 – 15 minutes). Rinse the surface thoroughly with clean water and allow a minimum of 24 hours to dry.
- Once dry, the surface should have the look and feel of medium to rough sandpaper. It may be necessary to repeat this procedure until this effect is accomplished.
- PaverSeal is formulated primarily for application to new or unfinished surfaces, applied over itself, or other similar solvent thinned acrylic coatings.
- Prior to applying PaverSeal to any previously painted surface, it is recommended to apply a small sample of PaverSeal to a small area of the existing finish to test for compatibility. If wrinkling, lifting, excessive bubbling slow drying or any other defective result occurs, the existing coating should be completely removed, and treated as a new surface.

**Mildew** - Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

- WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto [www.epa.gov/lead](http://www.epa.gov/lead).

## PRODUCT ANALYSIS DATA

PIGMENT: 0.00%

VEHICLE: 100.00%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

## TECHNICAL DATA

- COLORS:** Clear
- TINTING:** Industrial Colorants
- VEHICLE TYPE:** Solvent Acrylic
- VISCOSITY:** 25 – 27 Sec. / #2 Zahn Cup
- GLOSS @ 60°:** High Gloss / 90 units
- FLASH POINT:** 45° F
- VOC:** Not to Exceed 650 g/l – 5.46 lb/gal
- SOLIDS:** By Volume: 25.50% ± 2%  
By Weight: 30.20% ± 2%
- COVERAGE:** 200 – 400 Sq. Ft. / Gal.  
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.  
**Wet:** 4.0 mils      **Dry:** 1.0 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)  
To Touch: 35 – 45 Minutes  
Recoat: 4 Hours, or overnight dry.  
(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)
- DRIES BY:** Coalescence / Solvent Evaporation
- CLEAN UP:** Xylene
- THINNING:** Xylene

## RECOMMENDED PRIMER COATINGS

The following Richard's products are recommended primer coatings for this finish coating material. However, recommended Richard's primer coatings are not limited to the products listed below;

- **New Masonry, Pavers & Cementitious Floor Surfaces:**
  - Self-Priming

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a  $\frac{3}{8}$ " -  $1\frac{1}{4}$ " nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- **Airless Spray Application:**
  - **Pump:** Graco – GM3000/495ST      Wagner – EP2300
  - **Tip:** 0.013 – 0.015 Reversible
  - **Pressure:** Minimum 2000 psi
  - **Hose:**  $\frac{1}{4}$  inch (6.3 mm) -  $\frac{3}{8}$  inch (10 mm)

## PACKAGING & WEIGHT PER GALLON

- **Packaging:**

Quarts – 6/case	Gallons – 4/case
2 Gallons – N/A	5 Gallons - Each
- **Weight Per Gallon:** 7.59 lbs.
- **Shelf Life:** Unopened – 2 to 3 Years

## CLEAN UP & THINNING INSTRUCTIONS

**Clean Up:** Clean up any minor spills and splatters immediately with **Xylene**, as well as all painting tools and airless equipment. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

**Thinning:** Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add **Xylene**.

## PRODUCT LIMITATIONS

- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.

## WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting for any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 01-15

## PRODUCT APPLICATION – General

Shield's All PaverSeal High Solids Clear Sealer/Finish may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Surfaces to be painted should be completely dry for 24 hours before application.
- For best results, apply by brush or roller to effectively work material into surface pores.
- It is recommended to apply two (2) finish coats to achieve best results.
- Avoid heavy build-up of material.
- When applying by brush, apply a smooth and generous coat application on smaller surface areas, such as painting trim or cutting-in larger surface areas.
- When applying by roller, apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.
- During application, always maintain a proper wet edge by brushing or rolling into previously applied coating area.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.013" – 0.015" fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to effectively work coating into surface pores, ensure an even coat application and proper adhesion.
- Avoid exterior paint application when weather conditions are threatening, and late in the afternoon when there is a threat of moisture condensing on newly painted surfaces.
- Apply surface and ambient temperatures are above 55° F and below 90° F.

**SPECIAL NOTE:** Finished surface may become slippery when wet. A non-skid additive, such as, Richard's #60 Skid Guard may be added during application to promote a more anti-slip finish.

## PRECAUTIONARY & SAFETY INFORMATION

**CAUTIONS: FLAMMABLE! CONTAINS XYLENE AND TOLUENE!** Keep away from heat, sparks, and open flames. Prevent build-up of vapors by opening all windows and doors to achieve proper cross-ventilation. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during and until all vapors are gone. **USE WITH ADEQUATE VENTILATION!** Do not breathe dusts, vapors, or spray mists. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable levels, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eye, skin and clothing. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling, and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!** Refer to MSDS for additional health and safety information.

**NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the content herein may be harmful or fatal.

**FIRST AID:** In case of eye contact, flush immediately with plenty of water for 15 minutes, and get medical attention immediately; for skin contact, wash thoroughly with plenty of soap and water. If you experience difficulty breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately.

**KEEP OUT OF REACH OF CHILDREN!**