



**PRODUCT DATA SHEET**  
**PROD. #8000**  
**FIELD MARKING PAINT WHITE**



**PRODUCT DESCRIPTION**



Richard's Field Marking Paint is a fast drying, concentrated acrylic latex coating specifically designed for use to decorate and line stripe all types of fields of every description, such as grass, cinder, dirt and clay. Its special formulation will not smear, is non-toxic, non-irritating to eyes or skin and will not harm grass or other surfaces. When properly mixed and applied, it provides excellent coverage, crisp color distinctions, superior adhesion to dry surface grasses for lasting design effects and resistance to wear. **Contains No Lead Pigments!**

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE																										
<ul style="list-style-type: none"> <li>Water-Based Formula</li> <li>Concentrated</li> <li>Excellent Coverage</li> <li>Superior Adhesion</li> <li>Non-Toxic</li> <li>Non-Irritating</li> <li>Wear Resistant</li> <li>Product Versatility</li> <li>Applies Easily</li> </ul>	<p><i>Suitable for the following properly prepared surfaces;</i></p> <p><b>EXTERIOR</b></p> <table border="0"> <tr> <td>County Fair Fields</td> <td>Baseball Fields</td> </tr> <tr> <td>Air Strip Fields</td> <td>Football Fields</td> </tr> <tr> <td>Soccer Fields</td> <td>Lacrosse Fields</td> </tr> <tr> <td>Field Hockey Fields</td> <td></td> </tr> </table> <p><b>For Exterior Use Only!</b></p> <p>❖ For temporary marking of natural or artificial turf, concrete or where semi-permanent marking is desired.</p>	County Fair Fields	Baseball Fields	Air Strip Fields	Football Fields	Soccer Fields	Lacrosse Fields	Field Hockey Fields		<p><b>Product Quality:</b> Specialty</p> <p><b>Product Use:</b> Exterior</p> <p><b>Application:</b> Brush, Roller Cover, &amp; Airless Spray</p> <p><b>Product System:</b> Water-Based</p> <p><b>Finish:</b> Flat</p>	<table border="0"> <tr> <td><b>AIM</b></td> <td>Yes</td> </tr> <tr> <td><b>OTC</b></td> <td>Yes</td> </tr> <tr> <td><b>CARB</b></td> <td>Yes</td> </tr> <tr> <td><b>SCAQMD</b></td> <td>Yes</td> </tr> <tr> <td><b>MPI #</b></td> <td>No</td> </tr> <tr> <td><b>LEED® 09CI</b></td> <td>N/A</td> </tr> <tr> <td><b>LEED® 09NC</b></td> <td>N/A</td> </tr> <tr> <td><b>LEED® 09CS</b></td> <td>N/A</td> </tr> <tr> <td><b>LEED® H</b></td> <td>N/A</td> </tr> </table>	<b>AIM</b>	Yes	<b>OTC</b>	Yes	<b>CARB</b>	Yes	<b>SCAQMD</b>	Yes	<b>MPI #</b>	No	<b>LEED® 09CI</b>	N/A	<b>LEED® 09NC</b>	N/A	<b>LEED® 09CS</b>	N/A	<b>LEED® H</b>	N/A
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**SURFACE PREPARATION**

**General:**

- The field surface area to be painted should be free of debris and foreign materials such as, trash, stones, sticks, twigs, etc.
- Grassy areas to be painted should be evenly cut to desired height, approximately 1 to 1½ inches on average, and free from grass clippings.
- The entire surface area should be dry before material application. Where the grass is abnormally dry, water the field and allow the water to be absorbed by the grass. This will prevent the grass from absorbing pigmented water directly from the coating, which may cause the lines to appear burnt in.
- Field areas wet from rain, dew or watering, must be allowed to dry thoroughly before application.
- Muddy areas should be filled/covered with sand to control run-off.
- Cinder tracks should be dry when applying coating material.

**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: 31.71%**

**VEHICLE: 68.29%**

*MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.*

**TECHNICAL DATA**

- COLORS:** White & 9 Stock Colors
- TINTING:** Not Recommended
- VEHICLE TYPE:** Vinyl Acrylic
- VISCOSITY:** 117 KU ± 3
- GLOSS @ 60°:** Flat / 0 – 5 units
- FLASH POINT:** N/A
- VOC:** Not to Exceed 50 g/l – 0.42 lb/gal (Meets AIM, OTC, CARB & SCAQMD Standards)
- SOLIDS:** By Volume: 18.56% ± 2%  
By Weight: 35.34% ± 2%
- COVERAGE:** 1200 Lineal Feet  
400 Sq. Ft. / Gal.  
(Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.  
**Wet:** 4.0 mils      **Dry:** 0.7 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)  
To Touch: 30 – 45 minutes  
Recoat: 1 hour
- CLEAN UP:** Warm Soapy Water
- THINNING:** May be thinned 1 – 3 gallons of water to 1 gallon of field marking paint.

**RECOMMENDED PRIMER COATINGS**

No primer necessary for application type. Self-Priming.

**APPLICATION EQUIPMENT**

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a quality 3/8" to 3/4" nap synthetic roller cover, depending on the texture and surface porosity.
- **Spray Application:**
  - **Pump:** Gas or Electric Airless Sprayer, or Line Stripping Machine
  - **Pressure:** Minimum 2000 PSI
  - **Tip:** 0.015 – 0.017 Reversible
  - **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

**PACKAGING & WEIGHT PER GALLON**

- |                     |                 |                  |
|---------------------|-----------------|------------------|
| • <b>Packaging:</b> | Quarts – N/A    | Gallons – N/A    |
|                     | 2 Gallons – N/A | 5 Gallons - Each |

- **Weight per Gallon:** 10.50 lbs.

**CLEAN UP & THINNING/MIXING INSTRUCTIONS**

**Clean Up:** Clean up any minor spills and spatters immediately with warm soapy water, 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/Mixing:** Field Marking Paint is formulated as a "concentrate" and should be mixed with water as recommended below;

- Using a Jiffy mixer, or any other type of mechanical or drill mixer, thoroughly mix approximately 1 – 3 gallons of water to one (1) gallon for field marking paint. Thinning ratio will determine overall hiding and coverage. Over thinning can result in less coverage, longer drying time and color variations.

**PRODUCT APPLICATION – General**

Richard's Field Marking Paint may be easily applied with a quality brush, roller cover, line stripping machine, or airless spray equipment as follows;

- Dilute with water, as recommended in the thinning instructions.
- Mix thoroughly using a Jiffy mixer, or any other type of mechanical or drill type mixer until product is completely mixed.
- Do not mix more paint than will be used in a day.
- For best results, it is recommended to apply with a professional line stripping machine.
- To assure color uniformity always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.015 – 0.017 fluid spray tip.
- During spray application, use design and letter stencils to create words and/or designs for large surface areas.
- When using a professional line stripping machine, run chalk-lines to mark line areas to be painted before spray application of material to ensure even and straight lines during application.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.

**PRODUCT LIMITATIONS**

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

**PRECAUTIONARY & SAFETY INFORMATION**

**CAUTIONS:** Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, 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!**

**FIRST AID:** In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the 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!**

**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.