



ATHLETIC FIELD MARKING

LATEX PAINT

1410 (SUPER WHITE), 1411 (LUMINOUS WHITE), 1412 (WHITE), 1415 (YELLOW)

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Thinner	Dry at 77°F.	V.O.C. Level
vinyl acrylic latex	flat	professional	3-5 gal. for typical football field	water	water	1 hour	< 250 g/L

Description

Hirshfield's Athletic Field Marking Paint is a non-toxic, water based coating designed for various sporting field applications. It is available in bright white 1410 Super White, 1412 White and 1415 Yellow. It will not harm the grass or burn the eyes as common line striping applications will.

Where To Use

Use on natural grass surfaces, cinder tracks, dirt fields, etc. Excellent for use on baseball, soccer, football, field hockey, and similar playing surfaces.

Surface Preparation

Do not apply product below 35°F. Make sure all surfaces are clean and dry. All fields should be completely laid out and all preliminary preparations of the field should be complete before application.

Application

This product can be applied by machine, brush or sprayer. Stir contents thoroughly and thin as needed.

Primer

None required.

Dry Time

Dries to the touch in 30 minutes to 1 hour.

Coverage

Coverage depends on the method of application and varies widely due to the amount of thinning used. Normally, 3-5 gallons will mark a typical football field.

Physical Data

	SOLIDS BY WEIGHT	SOLIDS BY VOLUME	WEIGHT PER GALLON	FLASHPOINT
1410 (SUPER WHITE)	42% ± 2%	25% ± 2%	10.80 ± 2%	Over 200°F
1411 (LUMINOUS WHITE)	40% ± 2%	23% ± 2%	10.78 ± 2%	Over 200°F
1412 (WHITE)	40% ± 2%	23% ± 2%	10.76 ± 2%	Over 200°F
1415 (YELLOW)	40% ± 2%	24% ± 2%	10.54 ± 2%	Over 200°F

Available Colors

1410 Super White
1411 Luminous White
1412 White
1415 Yellow

Caution

Keep from freezing.
See other cautions on back.

Environmentally Friendly Tips

- Only purchase the quantity you need.
- Do not mix paints for storage or disposal. Leave paint in the original container.
- Do not throw liquid paint in the trash or pour it down the drain.
- Small amounts of latex paint can be air-dried and disposed through your trash collection system.
- Recycle leftover or unused paint. Call your local government for recycling advice.

Packaging Options

- Five gallon Pails
- 250 Gallon Totes

Mix Ratios

1410 - Super White 2:1
1411 - Luminous White 2:1 or 1:1
1412 - White 1:1
1415 - Yellow 1:1

Limitations

Not recommended for use on the following:

- floors or other horizontal surfaces
- areas of corrosive chemical environments
- rusted substrates without adequate surface preparation and must be primed to minimize rust staining through the topcoat.

Excessive color tinting may cause unsatisfactory drying. Since these are water base coatings, dry time will be affected by temperature and humidity.

Not recommended for immersion service or use on damp or wet surfaces, high heat, or humid conditions.

Health And Environment

This material contains no lead, mercury or crystalline silica. Material Safety Data Sheets are available upon request. When

Precautionary Information

In all cases, please read respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, and how it should be properly fitted.

Some of the components of various coatings may be irritating to the skin and/or eyes, so contact should be prevented. In case of contact, flush skin thoroughly with soap and water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

During the application of all coating materials, all flames, welding and smoking must be prohibited.

Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.

CAUTION! DO NOT TAKE INTERNALLY! CLOSE CONTAINER AFTER EACH USE! KEEP OUT OF THE REACH OF CHILDREN!

Avoid prolonged breathing of vapor and spray mist. Coatings should only be applied when ventilation is adequate. When available ventilation may not be adequate, applicators should wear respiratory protection, choosing the proper respirator with aid of the following:

Outdoor or open areas: Use filter type respirators (approved with NIOSH/MSHA) to remove solid airborne particulates from overspray.

Restricted ventilation areas: Use combination organic vapor-filter type respirators (approved with NIOSH/MSHA) which are designed to purify the air by removing solid airborne particulates and organic vapors.

Confined areas: Use supplied air respirators or hoods (approved with NIOSH/MSHA)

IMPORTANT! When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with manufacturer's recommendations for personal safety, and to prevent fire. If precautions are not taken, spraying of any material can be hazardous, particularly when using high pressure airless equipment. High pressure may inject coating into the skin causing serious injury, requiring immediate poison center contact and/or hospital treatment. When using or handling spray equipment hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases, wear protective eye equipment.

First Aid Statement

If swallowed, do induce vomiting. In case of skin contact, wash affected area with mild soap and water. In case of eye contact, flush eyes immediately with plenty of water for 15 minutes. If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If any of the following occur during or following use of this product, contact a **POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY** (have label information available):

- Ingestion
- Excessive exposure to a corrosive material
- Persistent skin/eye irritation or breathing difficulties
- Other symptoms

02/13/2018

The facts and figures represented in the specification manual are accurate to the best of our knowledge, and are the results of testing in our laboratory. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Since Hirshfield's paint Mfg. is constantly improving its products, future technical data may vary somewhat from what was available when this bulletin was printed.

Corporate Office/Retail/Support Center
725 Second Ave. N., Mpls., MN 55405
612-377-3910 • www.hirshfields.com • e-mail: info@hirshfields.com



Hirshfield's Paint Mfg., Inc.

4450 Lyndale Ave. No. Mpls., MN 55412 / (612) 522 6621