



ATHLETIC FIELD MARKING

1410 SUPER WHITE 1412 WHITE
 1411 LUMINOUS WHITE 1415 YELLOW
 1416 CUSTOM COLORS

Physical Product Data	1410 Super White	1411 Luminous White	1412 White	1415 Yellow
Product Type	Vinyl Acrylic Latex	Vinyl Acrylic Latex	Vinyl Acrylic Latex	Vinyl Acrylic Latex
Volume Solids	25% ± 2%	24% ± 2%	23% ± 2%	30% ± 2%
Solids by Weight	42% ± 2%	41% ± 2%	40% ± 2%	42% ± 2%
V.O.C.'s	<50 g/L	<50 g/L	<50 g/L	<150 g/L
Weight per Gallon	10.8 lbs. ± 2%	10.8 lbs. ± 2%	10.8 lbs. ± 2%	10.1 lbs.
Viscosity	90 – 95 KU	90 – 95 KU	90 – 95 KU	90 - 95 KU
Flashpoint	N/A	N/A	N/A	N/A
Gloss at 60°	1 - 3	1 - 3	1 - 3	1 - 3
Mix Ratio	2:1	2:1 or 1:1	1:1	1:1
Coverage – varies depending on application method and the amount of thinning	3-5 gallons for a typical football field	3-5 gallons for a typical football field	3-5 gallons for a typical football field	3-5 gallons for a typical football field
Packaging Options	5 gallons; 250 gallon totes	5 gallons; 250 gallon totes	5 gallons; 250 gallon totes	5 gallons; 250 gallon totes

General Description

Hirshfield's Athletic Field Marking Paint is a non-toxic water based coating formulated for various sporting field applications. This product is fast drying, applies easily and will not harm the grass. Custom colors are available.

Where to Use

Use on natural grass surfaces, artificial turf, cinder tracks, dirt fields, etc. Perfect for striping all types of fields including, baseball, football, soccer, lacrosse, and field hockey.

General Surface Preparation

Grass should be cut to a low level of 1 - 1½ inches to allow paint to reach the ground. All fields should be completely laid out and all preliminary preparations of the field should be complete before application.

Application Guide

Thin as necessary with clean water and stir contents thoroughly before and during application.

- **Airless Sprayer** (preferred application method): Minimum Pressure 2000 psi, .015 - .019 tip size.
- **Application Tools:** High quality nylon or polyester brush. High quality synthetic roller cover (do not thin using this method).

Apply when air and surface temperatures are between 35°F or below 90°F and at least 5° above the dew point. Air and surface temperature should remain above 35°F for at least 36 hours after application. Do not apply late in the day when dew and condensation are likely to form, or if rain, sleet, or snow are expected.

- **Dry times:** @77°F, 50% RH – to touch 30-60 minutes. 1-2 Hours to recoat. Dry times can vary depending on temperatures, humidity, color, and film build.
- **Cleanup:** Clean up spills or splatters immediately with soap and warm water. Clean painting tools with soap and warm water.
- **KEEP FROM FREEZING!**

Environmental, Health & Safety Information

May cause irritation to the skin or eyes. **Use only with adequate ventilation.** Avoid prolonged breathing of vapor, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid exposure to dust and spray mist by wearing a properly fitted and approved NIOSH respirator. Follow respirator manufacturer's directions for use. Avoid contact with the skin and eyes. Wash skin thoroughly with soap and water after handling.

When spraying be sure to follow all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with sprayer manufacturer's recommendations. Use of a NIOSH approved respirator when spraying is recommended.

Do not pour leftover material down a drain. Always recycle leftover material when possible. Consult your local sanitation department or recycling center for disposal options. Hirshfield's is a member of MN Paint Care Inc. For more information visit www.paintcare.org

First Aid Information

In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists. For skin contact, wash thoroughly with soap and water. Use with adequate ventilation. If you experience difficulty breathing, headache, or dizziness, leave the area and obtain fresh air. If symptoms persist, seek medical attention.

If swallowed call the POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN IMMEDIATELY.

CLOSE CONTAINER AFTER EACH USE!

KEEP OUT OF REACH OF CHILDREN!

DO NOT TAKE INTERNALLY!

For additional health and safety information refer to the Safety Data Sheet (SDS) available at www.hirshfields.com

NOTICE: The information and recommendations set forth in this document are true and correct to the best of our knowledge at the time of publication. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Improvements in coatings technology may cause future technical data to vary from what was available when this bulletin was printed. **Revised 1/15/2021**