



UC-Series  
Low Temperature  
Marking Paint

Product Data Sheet

**PRODUCT DESCRIPTION**

Diamond Vogel's UC-Series Low Temperature Marking Paint is a lead free, fast drying, high solids, and water reducible marking paint. It is designed as an extended seasonal range product which can be applied at lower temperatures than the standard latex paint and dries quickly to no track conditions.

**TYPICAL USES**

The UC-Series Marking Paint is recommended for marking and striping streets, highways, or other traffic surfaces including driveways, parking lots, sidewalks, curbs or airport runways. It may be applied to either concrete or asphalt surfaces by a variety of methods. Both products meet Federal Specification TT-P-1952D and TT-P-1952E Type I and II.

**COLORS AVAILABLE**

UC-1525 White  
UC-3595 Yellow

**PHYSICAL PROPERTIES(UC-1525)**

**Standard Application**

Resin Type	XSR Acrylic
Clean-up Solvent	Water
Finish	Flat
Solids by Weight	78 %
Solids by Volume	62 %
Recommended Dry Film Thickness per Coat	10 mils
Wet Film to Achieve DFT	16 mils
Theoretical Coverage @ 1 mil	994 ft <sup>2</sup> /gallon
Practical Coverage at Recommended DFT <sup>1</sup>	100 ft <sup>2</sup> /gallon
4" Line @ 16 mils WFT	300 ft/gallon
Dry to no pickup	<12 Minutes

**Dry Times<sup>2</sup>**

@ 70° F (21° C) and 50% R.H.	Tack Free less than 5 minutes
VOC's	97 - 98 grams/liter

1 Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

2 Dry times may vary depending upon temperature, humidity and degree of air movement.

**SPECIFICATIONS**

**Concrete**  
Self Priming

**Asphalt**  
Self Priming

**Cinders**  
Self Priming

For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

**SURFACE PREPARATION**

The surface to be coated must be free of any contaminant that will prevent the paint from adhering to the surface. Oil, grease, loose paint chips, gravel, salt films and curing membranes may all interfere with the adhesion of the coating. The surface should be swept clean of all loose contaminants. Visible stains of oils or dirt should be washed from the surface prior to coating. Slick or glossy surfaces, such as hard steel troweled concrete should be abraded to provide surface profile for the coating to adhere to.

**APPLICATION**

- Stir material prior to application.
- Equipment must be clean prior to start. Flush airless lines with water.
- Apply with conventional or airless spray equipment.
- Small areas may be brushed or rolled.
- Material may be thinned with N-7025 to a maximum of 1 pint per gallon as required for application, although this may slow dry time.
- Apply 1 coat 15 mils WFT.
- If one coat at 15 mils is applied, allow to dry 5 minutes before allowing traffic to drive over this coating.
- This coating has been successfully applied through a heated system up to temperatures of 140° F. Heating the coating will decrease the dry time.
- Clean up all equipment with clean water of N-7025.

**ENVIRONMENTAL VARIABLES**

These products were developed for use when air and surface temperature fall below 40-50°F (the minimum application temperature of the standard latex). They are available during the spring and the fall season in order to extend the striping season. The coating may be applied to a slightly damp surface but it will slow the speed of dry. Increase in surface moisture will decrease durability. Puddle water should not be present when applying the coating. Painting on a cold dry day which is followed by days of dry conditions may produce a film which is more durable than a day above 32°F followed by damp conditions. Because environmental and road conditions vary greatly during the late fall and early spring, the durability of the line will vary more than lines painted during good weather conditions, dry and above 50°F. Therefore it is recommended to limit the striping in low temperature to an as needed basis. Protect the product from freezing while in storage. During application the paint should be not allowed to get cold because that would raise the viscosity of the paint and make it hard to pump. Circulating the paint will help to keep the paint temperature up and paint viscosity lower. These products will solidify at approximately 15°F. Do not apply paint when temperature is near or below the dew point. These products should be applied within 6 months of manufacture.

**CLEAN-UP**

Clean up spills immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

**CAUTIONS**

Do Not Freeze

Do not apply below 32° F.

Do not take internally

Use with adequate ventilation

**KEEP OUT OF REACH OF CHILDREN**

\*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 to protect yourself and your family by contacting the national Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Limited Warranty**

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product.