



**DESCRIPTION**

Solvent-based primer, aimed to promote the adherence of Thermoplastic Paint 511-00416-000. Its low viscosity facilitates deep penetration into the substrate, considerably improving adherence, especially in hydraulic concrete. Meets Costa Rica National Standard CR PN INTE 11-01-27.

**USE**

Used as a primer for marking roads, highways, streets, pedestrian crossings, or parking lots, before the tracing of side or central lines, legends, or symbols on the pavement. It can be applied over concrete or asphalt using power or manual equipment to improve the adhesion of thermoplastic materials on concrete, old asphalt, or other bituminous surfaces.

**PROPERTIES**

PHYSICAL PROPERTIES	DATA
Volume Solids (%)	18 - 21
Weight solids (%)	23 - 27
Weight per gallon (kg/gal)	3.50 - 3.65
Theoretical Yield (m <sup>2</sup> /gallon)	26 - 31
Zahn Cup #2 Viscosity (s)	27 - 33
Total Pigment Content (%) (ASTM D-4451)	Meets
Product Useful Life	2 years

Definition of theoretical yield: Maximum surface that can be covered with a painting under ideal conditions. Practical yield varies depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

**CONTAINERS AND COLORS**

**AVAILABLE CONTAINERS**

**AVAILABLE COLORS**

Available in Transparent and Black.

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

IMPRIMANTE PARA DEMARCACIÓN DE CARRETERAS

Road Marking Primer

511-00417-900

1 gallon can (3.785 Lt.)

5-gallon bucket (18.925 Lt.)

**SURFACE PREPARATION**

CONDITION	INSTRUCTION
<p><b>Concrete</b></p>	<p>To guarantee this product’s adhesion, surface must be dry, clean, free of dust, dirt, grease, oil stains or any other type of contaminant. Any residues of sealants in concrete can interfere with bond, so these must be removed by abrasive methods such as scarifying. All poorly adhered paint residues must be removed by manual or mechanical means. Superficial deterioration, such as potholes, exposed voids, “lizard skin”, dusting, bleeding, exudation, and others can reduce the life of the applied markings.</p> <p>a) Concrete surfaces subject to traffic (roads, parking lots or sidewalks): For new concrete surfaces, observe a curing time of at least 28 days before marking it. On polished concrete floors previously treated with densifiers, sealers, membrane healers or any other method that waterproofs and generates higher concrete hardness, an anchor profile must be generated by mechanical or chemical means. Under these circumstances, request for technical assistance as indicated at the bottom of this document.</p> <p>b) For new asphalt pavement surfaces, it is recommended to age them for at least 7 days before applying this finish.</p>
<p><b>Surface Cleaning</b></p>	<p>Before applying, remove any dirt, such as dust, grease, or other contaminants, as they can affect the adhesion or performance of the finish. Remove loose or peeling old paint film with the appropriate tools, and smooth uneven spots left by old coats of paint.</p>

**PRODUCT PREPARATION**

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
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**IMPRIMANTE PARA DEMARCACIÓN DE CARRETERAS**

Road Marking Primer

511-00417-900

Product: 511-00417-900, Imprimante para Demarcación de Carreteras

Ready to use, do not dilute

**PRODUCT APPLICATION**

**APPLICATION TOOL**

Brush	Airless equipment	Air spray (gravity or suction feed)	Roller
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**Brushing**

Use natural or synthetic brushes in good condition and that do not shed bristles.

**Roller application**

Microfiber or splatter free roller felt.

Rough surface: ¾" felt

**Conventional air spray application**

Nozzle	1.3 mm
Pressure	35 psi

**DRYING TIMES**

Touch-Dry	5-10 minutes
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Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% ambient humidity). These times are dependent on temperature, humidity, film thickness and dilution.

**Application Instructions**

It can be applied by brush or roller in small areas.

Use airless equipment or conventional spray for road marking.

Yield varies depending on the absorption and roughness of each surface, so practical yield ranges from 25 to 30m<sup>2</sup> per gallon at 1mil thickness.

**NOTICE**

✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>

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Road Marking Primer

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- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C to avoid loss of its properties.

### HEALTH

- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose
- ✓ The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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