

# TECHNICAL INFORMATION

## LACA TRANSPARENTE BRILLANTE PARA LÁPICES

CLEAR GLOSSY LACQUER FOR PENCILS



508-11285-900

### DESCRIPTION

Clear Glossy Lacquer for Pencils is a finish for wooden pencils manufacturing processes. Solvent base, single part product developed from nitrocellulose resins. Its quick drying allows it to be used in high volume industrial processes. Provides transparency and good gloss, leaving an excellent finish in colored pencils. Its content of lead and phthalates meets requirements stipulated in United States Law 110-314 (Consumer Product Safety Improvement Act of 2008).

### USE

Product exclusively for painting pencils in industrial production. Apply as a final finish to pencils previously painted with one of the colored lacquers of this same line to add protection and gloss.

Structure	Pencils
Exterior/Interior	Indoor
Surface	Wood
Product line	Professional/industrial Line

### CHARACTERISTICS

PHYSICAL PROPERTY	DATA
Volume Solids (%)	30 - 32
Weight solids (%)	41 - 43
Weight per Gallon (kg/gal)	3.7 - 3.9
Brookfield Viscosity RFV (cPs)	25 000 - 30 000
Rendimiento teórico aprox. (lápices/kg - a una mano)	3800 - 4200
Visual Gloss	Glossy

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

### PRESENTATION

#### AVAILABLE PRESENTATIONS

5 Gallon bucket (18.925 lt)

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's 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.

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### SURFACE PREPARATION

CONDITION	INSTRUCTION
Moisture	Wood moisture should be no more than 16%.
Surface preparation	Wood should be dry, clean and thoroughly sanded. Remove all dirt, oils or contaminants, in order to insure an adequate product's adherence.

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 508-11285-900 - Clear Gloss Lacquer for Pencils	100%	Stir before use

Ready to use. Do not dilute.

### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH



Industrial pencil  
production line

### Application conditions

Do not apply on very hot surfaces or directly exposed to the sun, the product will evaporate very fast and that will hurt its adherence and duration.

Do not apply when humidity exceeds 85%, when raining or there is a high probability of rain in a short time, because that would change some characteristics of the application or product's performance.

Apply on previously painted wooden pencils. Use only as a final coat of the paint system for colored pencils.

Application must be done in a well ventilated area.

### Number of layers and thickness

Number of Coats	1 or 2, as required
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### Drying times

Tack-Free time	25 seconds
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Recoat time	10 minutes
Total drying time	72 hours

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% relative humidity). These times are dependent on temperature, moisture, film thickness and dilution.

### OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at [customerservice@gruposur.com](mailto:customerservice@gruposur.com)
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.  
If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in la Uruca, San Jose.

### HEALTH

- ✓ This product is for professional use only, and should be applied by properly trained personal, using appropriate tools including Personal Protection Equipment, which is detailed in the MSDS of this product, available at <http://www.gruposur.com>
- ✓ Avoid skin contact and do not inhale its vapors.
- ✓ Do not use near ignition sources, as sparks or high temperature equipment.
- ✓ Apply in a well ventilated area and DO NOT smoke while using this product.

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