

TECHNICAL INFORMATION

CLEAR SATIN SEALER & TOP COAT



518-11745-906

DESCRIPTION

CLEAR SATIN SEALER & TOP COAT is a solvent-base, two-part wood coating, developed from a polyurethane resin. It meets both sealing and finishing needs in one product, increasing its efficiency in production processes. It has good filling power and transparency, excellent sanding properties, and a terse, satin look.

USE

Product designed to be used on the furniture industry. Apply it directly on indoor wood or wood-composite structures. The last layer applied will work as a top coating.

Structure	Furniture
Exterior/Interior	Indoor
Surface	Wood, MDF, Plywood
Product line	Professional/industrial Line

CHARACTERISTICS

SPECIAL PROPERTIES

Primer Sealer

Solvent

Two-Part

PHYSICAL PROPERTY

DATA

Volume Solids (%)	29 - 33
Pot life @ 20°C.	6 to 8 hours
Weight solids (%)	38 - 42
Weight per Gallon (kg/gal)	3.6 - 3.8
Stormer Krebs Viscosity (Ku)	70 - 75
Theoretical Yield (m ² /Gallon)	45 - 47
Specular gloss @ 60° (GU)	40 - 50

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

Part A: 518-11745-906= ¼ gallon can (0.946 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 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.

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1 gallon can (3.785 Lt.)

5 gallon bucket (18.925 Lt.)

Part B: 518-00707-900= ¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

SURFACE PREPARATION

CONDITION	INSTRUCTION
Humidity	Wood's moisture content should not be over 16%.
Surface preparation	Wood must be dry, clean and thoroughly sanded. Remove all dirt, oils and contaminants to guarantee this product's good adherence.
Wood protection against fungi/insects	For a better protection against fungi and insects, apply previously a coat of Preserwood 504-00995-900.
Restore imperfections in wood, plywood or MDF	If you need to resurface small imperfections, use our water based Wood Putty 518-00800 in the appropriate shade (Mahogany 418, Pine 424 or Teak 420).

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
PART A: 518-11745-906, CLEAR SATIN SEALER & TOP COAT	100 parts	Stir well before use
PART B: 518-00707-900, PART B 707 for POLYURETHANE	25 partes	Stir well before use
Diluent: 510-00411-900, DURO SUR DILUENT	Max. 25 %	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Airless spray



Spray gun (gravity or suction feed)

Airless spray application

Nozzle size	0.009" - 0.011"
Pressure	35 - 50 psi

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Gravity gun application

Nozzle size	1.5 - 1.7 mm
Pressure	30 -35 psi

Suction gun application

Nozzle size	1.7 - 1.8 mm
Pressure	30 - 35 psi

Application conditions

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

Do not apply when relative humidity exceeds 85%, under rain or with certain rain threat, because it would alter some characteristics of the application or the performance of the product.

Application must be done in a well ventilated area.

Number of layers and thickness

Number of Coats	2 or 3 full coats (crossed layers), depending on type of surface and the level of sealing needed.
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Drying times

Tack-Free time	10 - 15 min.
Time to Recoat	20 - 25 min
Drying time to sand	30 - 40 min.
Dry to handle time	4 hours
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.

Sanding instructions

Each coat of this product should be sanded with #220 and #320 grit.

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OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

HEALTH

- ✓ Avoid skin contact and do not inhale its vapors.
- ✓ Do not use near ignition sources, as sparks or hi temperature equipment. Apply in a well ventilated area and DO NOT smoke while using this product.
- ✓ 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.
- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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