

TECHNICAL INFORMATION

Matte Clear Nitrocellulose Base Coat



508-11002-900

DESCRIPTION

LACQUER CLEAR GLOSS BASE COAT is a solvent-base, developed on a nitrocellulose resin. Leaves a fast-drying matte finish, which reduces coating contamination when not applied in a dust-free area. This transparent base coat is not a finished product, since you should color it with some of our Universal Industrial Coloring Paste (PUI) for a proper tinting.

USE

Professional use product, specially for the furniture industry. Apply on structures or furniture made of wood, plywood or MDF, to be used indoors or outdoors. Before use, tint it with our Universal Industrial Coloring Pastes (PUI) and apply as a color finish.

Structure	Any wooden structure. Furniture
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Exterior/Interior	Indoor, Outdoor
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Surface	Wood, MDF, Plywood
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Product line	Professional/industrial Line
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CHARACTERISTICS

ASSESSMENT

Finish

One-part

Solvent base

PHYSICAL PROPERTY

DATA

Volume Solids (%)	25 - 29
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Weight solids (%)	34 - 38
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Weight per Gallon (kg/Gl)	3.60 - 3.70
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Stormer Krebs Viscosity (Ku)	100 - 110
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Approx. yield (m ² /gl)	38 - 40
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Specular gloss @ 60° (GU)	10 - 14
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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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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

508-11003-900

3/4 gallon=2.838 Liter (in a 1 gallon metal can)

SURFACE PREPARATION

CONDITION	INSTRUCTION
MOISTURE	Wood moisture content should not be over 16%.
Surface Preparation	Surface should be previously sealed with one of our nitrocellulose sealants. Wood must be dry, clean and well sanded. Remove any dirt, grease or contaminants, to ensure a proper adherence of this product.
Restore imperfections in wood, plywood or MDF	If you need to repair small details, use water based Wood Putty 518-00800 in the desired shade (Mahogany 418, Pine 424 or Teak 420).

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 508-11002-900 – Matte Clear Nitrocellulose Base Coat	1 part	Stir before use.
Diluent: 510-00481-900 – Refined THINNER	2 parts	

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PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Spray gun (gravity or suction feed)

Airless spray application

Nozzle	0.009" – 0.011"
Pressure	35 – 50 psi

Gravity feed spray

Pressure	30 – 35 psi
Nozzle size	1.3 – 1.4 mm

Suction feed spray

Nozzle spray	1.5 – 1.7 mm
Pressure	30 – 35 psi

Number of layers and thickness

Number of Coats	1 or 2 full layers (crossed coats)
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Drying times

Tack-Free time	5 – 10 minutes
Drying time between coats	20 – 30 minutes

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.

Cleaning equipment

Just to clean equipment, use Industrial Thinner 510-00483-900.

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OBSERVATIONS

- ✓ 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.
If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Professional/industrial product, should be used by properly trained personnel.
- ✓ 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 high temperature equipment. Apply in a well ventilated area and DO NOT smoke while using this product.
- ✓ This product is for professional/industrial use only and should be applied by trained personnel, using the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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