

TECHNICAL INFORMATION

LACA NITRO 12000

Automotive Nitro Lacquer

509-12000-000

DESCRIPTION



Single-part nitrocellulose lacquer finish designed for budget vehicle refinishing. It has good weather resistance, good gloss, fast drying and good hiding power. It has a wide range of dyes for color matching. Lead and mercury free.



Containers

¼ gallon, 1 gallon

Available Colors

Undefined

SURFACE PREPARATION



Before application, surface must be free of dust, grease, oil, waxes, or any other contaminants that can affect product adherence



SUBSTRATE

FIRST CLEANING

SANDING

**AFTER
CLEANING**

**ADHERENCE
ENHANCER**

Iron

330 - 900

180-220/P180-
P220

330 - 900

Primario 12100-***



Aluminum

330 - 900

180-220/P180-
P220

330 - 900

Klass Etching Primer

Galvanized Steel

330 - 900

Gray Fiber

330 - 900

Klass Etching Primer

OEM Finish

330 - 900

220-320/P220-
P400

330 - 900

N/A

Replacement Part

330 - 900

Gray Sponge

325 - 900

Primario 12100-***

Paintable Plastic

N/A

N/A

N/A

N/A

COMPONENTS AND MIXING RATIOS



Add only the recommended components.
Use KLASS measuring rule for a correct mix.



MIXING RATIO

HARDENER

DILUENT

Product

100 Parts

N/A

481-900 or 482-900



Hardener

N/A

Diluent

100 parts

Mix ratio

(1:1)

Application Viscosity

18 - 22 seconds,
DIN Cup #4

Pot Life: undefined

APPLICATION EQUIPMENT



For better results, use recommended nozzle size and pressure.

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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Air Spray	Nozzle	Pressure (PSI)
Conventional Suction Feed	1.4 - 1.5 mm	35 – 45
Standard Gravity Feed	1.4 - 1.5 mm	35 – 45
Gravity Feed HVLP	1.3 -1.5 mm	30 – 35 (10 output)

PRODUCT APPLICATION



Number of coats

3 - 4

Time Between Coats

5 minutes

Dry Film Thickness

2 - 3 mils



Comments: Respect curing time between coats and do not exceed recommended thickness.

Drying Times



Data measured at 20°C (68°F).



Drying	TIME	Forced drying	TIME
Dust dry	N/A	Oven @ 60°C:	N/A
Touch Dry	10 minutes	Medium wave infrared	N/A
Dry-to-sand	N/A	Short wave infrared	N/A
Before the next product	N/A		
Dry to retouch	N/A		

SANDING



SANDING METHOD

GRIT

FEPA GRIT

Wet sand by hand

1200 - 1500

N/A



Dry sand by hand

N/A

N/A

Power sanding, dry

N/A

N/A

* For wet sanding, let sandpaper submerged in water for some 20 minutes before using.

OBSERVATIONS

Respect curing time between coats.
Use only the solvent indicated on this sheet.

STORAGE, HEALTH AND SAFETY



Keep this product stored in its original container and with the proper label, for a short period, in dry environment, between 50°F and 95°F.

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Read and understand all safety instructions on label.



Never add other components than those indicated on this sheet. Doing so may affect its performance and voids all warranties.

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

This is 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>

Do not use this product near sources of ignition, such as sparks or equipment with high temperatures. Do not smoke during use. Use in a well aired area.

- Dispose of waste in accordance with local laws and regulations.

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.

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