

TECHNICAL INFORMATION

INKKER BARNIZ FENÓLICO

Phenolic Varnish

525-24180-920



DESCRIPTION

INKKER BARNIZ FENÓLICO 24180-920 is an epoxy-phenolic baking coating for containers; it has excellent thermo-stability qualities, chemical resistance, excellent adhesion to the substrate, good flexibility, and hardness. Designed to stand the container's manufacturing processes and to avoid any possible interaction between product and container, during all the product shelf-life.

USE

INKKER BARNIZ FENÓLICO 24180-920 can be applied on iron or tin plate sheets that will be used to make metallic containers. Containers coated in this way can store a variety of chemical products, such as strong bases, acids, solvents, fuels, insecticides, disinfectants, or paints. However, given the wide variety of substances that could be packaged, containers coated with this product should be subjected to every necessary test before starting any production process.

PROPERTIES

PHYSICAL PROPERTIES

DATA

Weight solids (%)	30 - 32
Volume Solids (%)	22 - 24
Weight per gallon (kg/gal)	3.55 - 3.75
Viscosity Ford cup #4 (ASTM D1200) (Stainless Steel Cup ASTM D 1475) (s)	58 - 70

CONTAINERS

AVAILABLE CONTAINERS

55-gallon drum (208 Lt.)

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface preparation

Surfaces should be dry and free of grease, oil, dust, or any other contaminants.

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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PRODUCT APPLICATION

Application Instructions

Form of application: Direct roll coater or air spray.

Number of layers: Two.

Airing time: 30 seconds.

Airing time in roll coat: Approximately 1 minute.

Baking time: 10 min. each layer.

Baking temperature: 190 °C first coat, 200 °C second coat.

Dry thickness per coat: 0.15 mils per coat.

Recommended total dry thickness: 0.25 - 0.35 mil.

Baked color: golden - amber.

Shelf life: 360 days.

NOTICE

- ✓ Product should be kept in its original container, 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.
- ✓ It should be used before the expiration date indicated on the container label.
- ✓ If you need other information or wish to use this product in harsh industrial environments, one of our technicians will be happy to assist you.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Do not apply on hot surfaces or directly exposed to sunrays, varnish will evaporate too soon, compromising leveling, adhesion and durability.

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
- ✓ 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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