
Century Brass Lacquer RFU

Description

Nikolas Century Brass Lacquer RFU is a clear air-dry lacquer, which upon drying, exhibits a hard chemical resistant film. It has excellent adhesion to brass, bronze, copper and other metals. Century is supplied ready for use and is suitable for use with all types of application equipment. Because of its excellent flowing capabilities, orange peel is virtually non-existent.

Suggested Uses: Areas where **Century Brass Lacquer** will find use are brass furniture, belt buckles, brass musical instruments, jewelry, interior architectural brass and bronze, interior lighting, cabinet and door hardware.

DOT SPECIFICATIONS:
PAINT, 3, Flammable Liquid UN1263, PGI

Benefits

- * Water white
- * Scratch resistant
- * Air dry
- * Ready for use (premixed)
- * Ease of application
- * Repairable and reversible
- * Excellent appearance
- * Excellent chemical resistance
- * Can be engraved

Lab Results

Adhesion:	Excellent	Hardness:	4H
Chemical Resistance:	Will wash off with MEK	Lactic Acid:	4 hours
Impact Resistance:	Good	Salt Spray:	60 hours
		Humidity:	100 hours
		UV:	Good

Properties

Vehicle Type:	Modified Nitrocellulose	Drying	
Gloss:	Full	Touch:	5 minutes
Specific Gravity:	.912	Handle:	10 minutes
Weight per gallon:	7.596 lbs.	Pack:	Overnight or upon cooling if forced dried
Solids % Vol./Wt.:	5.37% / 9.53%	Force Dry:	Flash off 10 minutes, bake 10-15 minutes at 120-140° F
Package Life:	One year		
Gallon spread @1 mil:	206.99 sq. ft.		



G. J. Nikolas & Co., Inc.

2800 Washington Boulevard • Bellwood, Illinois • 60104
Phone: (708) 544-0320 • Fax: (708) 544-9722

Innovative Solutions in Industrial Coatings

Email: info@finish1.com • Website: www.finish1.com

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Directions for Use: Preparation

Surface must be dry and chemically clean. Any oxidation as well as grease and compounds should be removed.

RECOMMENDED FILM THICKNESS:

Wet: 2-3 mils

Dry: .5-1.0 mils

Directions for Use: Application

Century Brass Lacquer can be sprayed, dipped or used in a centrifugal machine. No reduction is required for any of these methods. Before applying make sure that the metal has been chemically cleaned and degreased.

Spray: Use 40-50 psi. Cover piece with one coat making sure not to produce a misty or dry spray appearance. Allow to set-up for approximately 50 seconds. Then make a second pass, preferable at right angles to the first coat.

Dip & Centrifuge: Use the Century Lacquer the same as any air-dry lacquer, remembering that initial reduction is not required. The addition of make-up thinner may be necessary to allow for solvent lost due to evaporation. Use **Special #2105 Thinner** for this and maintain a viscosity of 16.5-18 seconds in a #2 Zahn cup.

Curing: With all applications allow Century Lacquer to air dry at least 30 minutes before handling or packing (if plastic wrap is to be used for packaging, check with the supplier to make sure it will be compatible with cellulose lacquer). The drying process can be accelerated with an oven by force drying at 120-140° F for 10-15 minutes. Caution should be observed not to allow **Century Brass Lacquer** to be dried at temperatures above 280° F since this will make the coating brittle. Products finished with Century can be successfully engraved.

Protective Equipment

Eyes: Safety glasses

Skin: Neoprene rubber gloves

Respiratory: NIOSH approved respirator for organic vapor.

In case of fire: Use foam, dry chemical, CO₂, water or spray fog.

Grounding: When transferring, fill stem and container must be grounded and bonded.

CONSULT MSDS PRIOR TO HANDLING.



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Safety

Keep away from heat, sparks, and flames.

USE WITH ADEQUATE VENTILATION.

Avoid prolonged or repeated contact with skin. Avoid prolonged breathing of vapor or spray mist. Do not take internally. **KEEP**

OUT OF THE REACH OF CHILDREN.

Before smoking or eating and after using, cleanse hands thoroughly. Keep container closed when not in use.

Effects of Overexposure:

Prolonged use may cause mild irritation to eyes.

Skin Contact:

Can cause irritation, may be absorbed through the skin and cause defatting.

Inhalation:

May cause respiratory irritation, dizziness and drowsiness.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



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