
14135 250 Clear NY Coat RFU

Description

#14135 250 Clear NY Coat RFU is a solvent base, 250 grams per liter, VOC exempt brass lacquer, developed to provide manufacturers and refinishers of highly polished brass products an EPA compliant coating that applies as well or better than conventional brass coatings. It is supplied ready for use and can be sprayed or dipped using existing equipment. #14135 outperforms conventional air-dry

brass coatings in salt spray and chemical resistance and can be used for exterior applications.

Suggested Uses: Areas where #14135 will find use are interior and exterior brass lighting, signage, statuary, silver plate, post engraving, and marine hardware

DOT Classification:

PAINT, 3, Flammable Liquid UN1263, PGII

Benefits

- * EPA compliant.
- * Excellent flow out.
- * Mar resistant.
- * UV and weather resistant.

- * Ready for use.
- * Ease of application.
- * Repairable and reversible.
- * Available in colors and toners.

Lab Results

Adhesion	Excellent	Hardness	2-3H
Chemical Resistance	Good	Lactic Acid	Fair
Impact Resistance	Good	Salt Spray	100 hours
		Humidity	100 hours
		UV	Excellent

Properties

Vehicle Type	Modified Polyester	Drying	
Gloss	Full	Touch	6 minutes
Specific Gravity	1.109	Handle	10 minutes
Weight per gallon	9.24 lbs.	Pack	Overnight or upon cool if forced dried
Solids % Vol./Wt.	8.69%/9.10%	Force Dry	Flash off 10 minutes, then bake 20 minutes @ 120-140° F
Package Life	One year		
Gallon spread @1 mil	139 sq. ft.		
VOCs lb/gl gr/ltr:	2.09# / 250 gr		



G. J. Nikolas & Co., Inc.

Innovative Solutions in Industrial Coatings

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Directions for Use: Preparation

#14135 250 Clear NY Coat is designed to work over marginally clean substrates; however, best long term results will be on a chemically clean surface. Vapor degrease or solvent wash with **Acetone**. Where this isn't practical, a final wipe with a clean dry cloth

prior to coating will remove dust and loose compound. Non-degreased work will require force drying to achieve proper adhesion.

RECOMMENDED FILM THICKNESS

Wet: 2-3 mils

Dry: .5-1.0 mils

Directions for Use: Application

#14135 can be sprayed, dipped or used in a centrifugal machine. No reduction is required for any of these methods.

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. If further reduction is desired, cut with small amounts of Acetone, or **#11636 Exempt Reducer**. Because #11636 Exempt Reducer is exempt, it will not effect the level of the VOC's in the coating.

Dip & Centrifuge: Use the #14135 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 #11636 Exempt Reducer for this and maintain a viscosity of 16.5-18 seconds in a #2 Zahn cup.

Curing: With all applications allow #14135 to air dry at least 30 minutes before handling and 24 hours before packing. The drying process can be accelerated with an oven by force drying at 120-190 degrees F for 10-30 minutes. Dense castings will require a longer force dry than thin-wall stampings. Products finished with #14135 can be successfully engraved.

Precaution

If substrate is not chemically cleaned to remove polishing compound, force drying is required for good adhesion.



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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.

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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