
11565 OD Lacquer RFU

Description

#11565 OD (outdoor) is an air dry lacquer designed for field repair of exterior brass and bronze as well as a variety of other applications. It's supplied ready for use and is easy to apply and reverse. It has excellent adhesion to brass, bronze, copper and silver plate. **#11565 OD** does not require thinning, allowing the operator to focus on getting uniform results. Because of its excellent flowing capabilities, orange peel is virtually eliminated.

Suggested Uses: Areas where **#11565 OD** will find use are exterior brass and bronze refinishing, signage, statuary, silver plate, post engraving, marine hardware and exterior lighting.

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

Benefits

- * Excellent flow out
- * Mar resistant
- * UV and weather resistant
- * Ready for use
- * Ease of application
- * Repairable and reversible
- * Quick dry time
- * Excellent adhesion

Lab Results

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

Properties

Vehicle Type:	Modified Acrylic	Drying	
Gloss:	Full	Touch:	6 minutes
Specific Gravity:	.901	Handle:	30 minutes
Weight per gallon:	7.51 lbs.	Pack:	Overnight or upon cooling if forced dried
Solids % Vol./Wt.:	8.21%/10.49%	Force Dry:	Flash off 10 minutes, bake 20 minutes at 140-200° F
Package Life:	One year		
Gallon spread @1 mil:	132 sq. ft.		
VOC lb/gal:	6.73		



G. J. Nikolas & Co., Inc.

Innovative Solutions in Industrial Coatings

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Directions for Use: Preparation

#11565 OD 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 **#11645 Cleaning Thinner**. Where this isn't practical, a final wipe with a clean dry cloth prior to coating will remove dust and loose compound.

RECOMMENDED FILM THICKNESS:

Wet: 2-3 mils

Dry: .5-1.0 mils

Directions for Use: Application

#11565 OD 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, preferably at right angles to the first coat.

Dip & Centrifuge: Use the **#11565 OD** 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 **#11565** to air dry at least 30 minutes before handling and overnight before packing. The drying process can be accelerated with an oven by force drying at 120-140° F for 10-30 minutes. Dense castings will require a longer force dry than thin-wall stampings. Product may be packed after cooling. Products finished with **#11565 OD** 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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