

TECHNICAL DATA SHEET CLEAR GUARD

Clear Guard is a durable, air drying lacquer that results in a hard, fast drying and tarnish resistant film. It has excellent adhesion to brass, bronze, copper and other metals as well as rusted metal. Clear Guard is suitable for use with all types of application equipment including sprayers. Because of its unique chemistry, orange peel is virtually nonexistent.

USES:

- Interior/exterior copper, bronze & brass surfaces
- Lighting fixtures
- Marine hardware
- Steel & Wood
- Architectural trim and hardware
- Automotive trim
- Terracotta
- Concrete

SURFACE PREP: The life and quality of a coating depends greatly upon the preparation of the receiving surface. Surfaces to be coated should be free of contaminants, moisture, and oils. Sculpt Nouveau's Metal Cleaner and Degreaser is the recommended cleaner. **NEVER USE ACETONE OR ANY TYPE OF SOLVENT FOR SURFACE PREP OR TREATMENT.**

The Clear Guard and metal surfaces should be normalized to room temperature, (70°F-85°F), before use. Use Sculpt Nouveau's Metal Cleaner and Degreaser before and after abrading the surface. Rinse well each time. Clear Guard is not recommended for polished surfaces. Use Ever Clear in this situation.

IMPORTANT NOTE: Unseen moisture may be on the metal surface, and in some cases, for example, on humid days, the coating can trap moisture underneath the film. This trapped moisture will manifest itself as a "cloudy" coating and/or create a possible bonding problem. Oxidation can occur as well over time. Such occurrences can be prevented by heating the metal surface with a heat gun or torch to remove surface moisture before applying. Apply the Clear Guard to the warm surface or allow the metal to cool to room temperature. Use only white paper towels for drying. Never use blue towels or shop towels.

FEATURES:

- Highly durable
- Fast drying
- Weather resistant
- Tarnish resistant film
- One part
- Guards against sun, mild acids, salt, heat and water

BENEFITS:

- Mar & perspiration resistant
- Ease of Application
- Ready to use
- Repairable
- Highly resistant to water
- UV and weather resistant
- Water white

APPLICATION:

Apply 2 - 3 light coats, making sure the first layer of lacquer saturates the rust or patina. If spraying, use a HVLP sprayer with a 1.2 tip at about 18 - 25 psi. The spray should look as though it is being atomized through a spray can. Allow 1 hour to cure between coats.

PROTECT SURROUNDING AREAS FROM OVERSPRAY!

CURE TIME:

24 hours after final application. May be wrapped, for transport, with clean white paper after 48 hours.

CLEAN UP:

Use Solvent Thinner to clean equipment.

PACKAGING:

- 8 oz, 32 oz, 1 Gallon, 5 Gallon - Satin & Matte
- 8 oz, 32 oz, 1 Gallon, 5 Gallon-Satin & Matte EF (environmentally friendly)
- 8 oz, 32 oz, 1 Gallon, 5 Gallon - Satin & Matte - RTS (ready to spray)
- 8 oz, 32 oz, 1 Gallon, 5 Gallon - Satin & Matte EF - RTS
- 12 oz Aerosol Spray Cans Regular Formula - Satin & Matte
- 12 oz Aerosol Spray Cans - Environmentally Friendly - Satin & Matte

SPECIFICATIONS:

VOC (g/l. by wt.)	Not more than 6.5 lbs/gallon (EF - 2.25 lbs/gallon)		
Adhesion (ASTM 3359): Steel, Copper Alloy	5B (good)		
Pencil Hardness (ASTM D3363): Steel, Copper Alloy	4B (good)		
Flexibility, 1/4" (ASTM D522): Steel, Copper Alloy	Passed (good)		
Corrosion (ASTM B117): Steel, Copper Alloy	6 (100 hrs.)	5 (200 hrs.)	3 (300 hrs.)
Taber Abrasion: Steel, Copper Alloy	11.8 (low)		
Impact Test (ASTM D2794): Steel, Copper Alloy	160/80 (low)		
MEK Double Rubs (ASTM D4752): Steel, Copper Alloy	10 (good)		
Viscosity	18 ± second #2 Zahn Cup @ 77°F		
Color	Clear		
Recommended Dry Film Thickness	0.5 - 0.75 dry mils		