NIC INDUSTRIES, INC.

TECHNICAL DATA SHEET

DIVISIONS OF NIC INDUSTRIES, INC.
PRISMATIC POWDERS | CERAKOTE FIREARM COATINGS | CERAKOTE HIGH TEMPERAURE CERAMIC COATINGS
www.nicindustries.com | 866-774-7628 | 7050 6th St. White City, OR 97503

PRODUCT DESCRIPTION

The **Cerakote® C-Series Performance** Ambient Cure Ceramic Coatings are designed to protect both metal and non-metal substrates. Additionally, **C-110 Micro Slick** is formulated to withstand extreme use temperatures (>2,000°F) without discoloring. This makes the coating ideal for exhausts, pistons, engines and other components for high-temperature systems.

Cerakote® C-Series Performance Ambient Cure Ceramic coatings maintain excellent adhesion even after repeated thermal cycling. These coatings provide superior protection against corrosive environments and thermal shock.

In addition to performance, the **Cerakote® C-Series Performance** Ambient Cure Ceramic products are designed for ease of application. Each product is VOC-exempt and cures quickly at room temperature.

Cure Schedule (Ambient Temperature):

Tack free at 40 minutes
Dry after 24-hours
100% cure after 5 days

Cerakote® C-Series Performance Ambient Cure Ceramic Coatings are currently available in several metallic and non-metallic finishes and different gloss levels. Visit www.nicindustries.com to view a complete color chart.

Cerakote® C-Series Performance Ambient Cure Ceramic Coatings are recommended for engine components, high-temperature applications, and exhaust systems. Contact a Cerakote® sales representative to determine which coating is appropriate for your application.

C-110 Micro Slick

Gloss Level	Traditional Eggshell; 22.7 Gloss Units at 60°
Theoretical Solids by Weight	22% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	346 ft^2
Recommended Film Thickness	0.25 mils
5% Salt Spray (ASTM B117)	26 hours
Pencil Hardness (ASTM D3363)	9h
Scratch Hardness (ASTM D3363)	9h
Adhesion Cross-Cut Tape (ASTM D3359)	3B
Mandrel Bend (ASTM D522)	2 mm coating loss at 180° rotation
Impact (ASTM D2794)	40/80 inch-lbs
Thermal Emissivity	0.85
Density (g/mL)	1.13
Dynamic Coefficient of Friction (ASTM D1894)	0.167

SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.