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 High Temperature** Ambient Cure Coatings are designed to protect both metal and non-metal substrates. Additionally, **C-143 Stoplight Red** is formulated to withstand temperatures of up to 800°F without discoloring. This makes the coating ideal for exhausts and other components for high-temperature systems.

C-Series High Temperature Ambient Cure 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 **C-Series High Temperature** Ambient Cure 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

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

C-143 Stoplight Red

Gloss Level	Satin; 33.2 Gloss Units at 60°
Theoretical Solids by Weight	71% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	1,133 ft^2
Viscosity (Brookfield Viscometer)	83.74 cP
Recommended Film Thickness	1.0 mil
5% Salt Spray (ASTM B117)	889 hours
Pencil Hardness (ASTM D3363)	9h
Scratch Hardness (ASTM D3363)	8h
Adhesion Cross-Cut Tape (ASTM D3359)	2B
Mandrel Bend (ASTM D522)	1 mm coating loss at 180° rotation
Impact (ASTM D2794)	80/40 inch-lbs
Thermal Emissivity	0.86
Density (g/mL)	1.18

SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.