

CERAKOTE™ · A division of NIC Industries, Inc. 7050 Sixth Street, White City, OR 97503  
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## PRODUCT DESCRIPTION

The Cerakote™ **C-Series** Ambient SC Cure Ceramic Coatings are designed to protect both metal and non-metal substrates. Additionally, the **C-Series** Ambient SC Cure Ceramic Coatings are formulated to withstand extreme temperatures (~1500°F) without discoloring. This makes the coating ideal for exhausts, pistons and other components for high-temperature systems. **C-Series** Ambient SC 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 **C-Series** Ambient SC 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 2 hours  
Dry after 36-hours  
100% cure after 5days

**C-Series** Ambient SC Cure Ceramic Coatings are currently available in several metallic and non-metallic finishes and different gloss levels. Visit [www.nicindustries.com](http://www.nicindustries.com) to view a complete color chart.

**Cerakote™ C-Series Ambient SC 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-7400 BLACK VELVET SC

Gloss Level	Satin; 18.0 Gloss Units at 60°
Theoretical Solids by Weight	74% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	1187 ft <sup>2</sup>
Viscosity #2 Zahn Cup	15 seconds
Recommended Film Thickness	1.0 – 2.0 mil
5% Salt Spray (ASTM B117)	500 hrs (1000 hrs with base-coat)
Pencil Hardness (ASTM D3363)	7h
Scratch Hardness (ASTM D3363)	6h
Adhesion Cross-Cut Tape (ASTM D3359)	5b
Mandrel Bend (ASTM D522)	1 mm coating loss at 180° rotation
Impact (ASTM D2794)	40/20 inch-lbs
Temperature Stability	1700°F

\*Test results reported for coating applied at a dry film thickness of 1.0 mil.

**SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.**

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The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.