



109 Ford Hill Ln. ♦ Seymour, TN 37865 ♦ USA  
 Phone: 865-773-0599  
[www.techlinecoatings.com](http://www.techlinecoatings.com)

**PRODUCT DATA SHEET ColorGard**  
**HHC Clear Top Coat**

**SELECTION DATA**

**CHEMICAL NAME / SYNONYMS:**

**PRODUCT DESCRIPTION:**

*HHC* is a ceramic coating designed to be applied primarily as a top coat over exhaust systems coatings to increase the gloss and corrosion resistance. When applied to exhaust systems *HHC* will withstand base metal temperatures of over 1300°F, while maintaining color stability. *HHC* will handle environmental temperatures up to 1600°F. Due to its unique ceramic nature, the coating also functions as a very effective thermal barrier, with reduced thermal radiation characteristics. *HHC* full cures at 700°F for one hour at temperature. The coating cures to a very hard, durable surface with excellent adhesion

**RECOMMENDED USES:**

Designed for single coat coverage as a top coat. Primarily for use on exhaust systems components or other parts subject to high temperatures.

**NOT RECOMMENDED FOR:** A standalone coating on Exhaust Systems or other High Temperature use.

**CHEMICAL RESISTANCE GUIDE:**

| <u>Exposure</u> | <u>Splash &amp; Spillage</u> | <u>Fumes</u> |
|-----------------|------------------------------|--------------|
| Acids           | Poor                         | Poor         |
| Alkaline        | Poor                         | Poor         |
| Solvent         | Good                         | Good         |
| Fluids          | Good                         | Good         |
| Fuels           | Good                         | Good         |
| Salt            | Good                         | Good         |
| Water           | Good                         | Good         |

**FLEXIBILITY:** Good      **WEATHERING:** Good

**BASE COAT:** Required

**SPECIAL TREATMENT:** None Required

**COMPATIBILITY WITH OTHER COATINGS:** May be applied over BHK, Turbo X, Ciloxide and ColorGard Coatings.

|                                 |                |
|---------------------------------|----------------|
| <b>Adhesion ASTM D 3330</b>     | Pass           |
| <b>Pencil Hardness</b>          | 8H Plus Pass   |
| <b>Mandrel Bend 1/4" Dia.</b>   | Pass           |
| <b>Impact ASTM D 2794</b>       | Pass           |
| <b>Thermal Shock Resistance</b> |                |
| <b>540C/1000F Surface *</b>     | Pass           |
| <b>700C/1300F*</b>              | Pass           |
| <b>Salt Spray*</b>              | Good           |
| <b>Conductivity</b>             | Non-Conductive |
| <b>Chemical Soak</b>            | Pass           |
| <b>Heated Chemical Quench</b>   | Pass           |
| <b>Color Stability</b>          | Pass           |

\* Based on the Base Coating Resin systems

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, REPRESENTATION, INDUCEMENT OR LICENSE OF ANY KIND, EXCEPT THAT IT IS ACCURATE TO THE BEST OF TECH LINE COATINGS, INC., KNOWLEDGE OR OBTAINED FROM SOURCES BELIEVED BY TECH LINE COATINGS, INC. TO BE ACCURATE, AND TECH LINE COATINGS, INC., DOES NOT ASSUME ANY LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON SAME. BEFORE USING ANY CHEMICAL, READ ITS LABEL, INSTRUCTIONS AND MATERIAL SAFETY DATA SHEET.

Note: N/E = Not Established  
 N/A = Not Applicable