

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Two-Component High Solids Acrylic Epoxy Finish
<b>Description</b>	Carbocrylic is a high solids topcoat with good weathering capabilities. Offers a glossy, smooth, hard finish that is easy cleanable. One coat application capable.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Offers excellent corrosion and weathering protection.</li> <li>• NORSOK Approved for offshore</li> <li>• Recommended for chemical industry, offshore, power and heavy industry.</li> </ul>
<b>Color</b>	Vestal White (1864), Light Gray (C705), Medium Gray (C703), Machine Gray (0754) Custom colors available by request.
<b>Finish</b>	Gloss (70-85)
<b>Topcoat</b>	Normally not topcoated
<b>Dry Film Thickness</b>	51 - 152 microns (2 - 6 mils) per coat
<b>Solids Content</b>	By Volume 64% +/- 2%
<b>Theoretical Coverage Rate</b>	25.2 m <sup>2</sup> /l at 25 microns (1027 ft <sup>2</sup> /gal at 1.0 mils) 12.6 m <sup>2</sup> /l at 50 microns (513 ft <sup>2</sup> /gal at 2.0 mils) 4.2 m <sup>2</sup> /l at 150 microns (171 ft <sup>2</sup> /gal at 6.0 mils) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : 2.8 lbs/gal (336 g/l)
<b>Dry Temp. Resistance</b>	Continuous: 121°C (250°F) Non-Continuous: 149°C (300°F)
<b>Limitations</b>	Not recommended for immersion service.
<b>Topcoats</b>	Normally not topcoated

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
<b>Steel</b>	Apply over clean, dry primers, or intermediate coats as recommended.
<b>Concrete</b>	Apply over clean, dry primers, or intermediate coats as recommended.

## MIXING & THINNING

<b>Mixing</b>	Power mix separately, then combine and power mix.
<b>Thinning</b>	Contact Carboline Technical Service. Use of thinners other than those supplied or recommended by Carboline may adversely affect product warranty whether expressed or implied.
<b>Ratio</b>	7:1 Ratio (A to B) by volume
<b>Pot Life</b>	3 Hours @ 75°F

# Carbocrylic 1295 HS

## PRODUCT DATA SHEET



### APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

<b>Spray Equipment</b>	The following spray equipment has been found suitable and is available from manufacturers such as WIWA®.
<b>Airless Spray</b>	<ul style="list-style-type: none"><li>• Pump Ratio: 30:1</li><li>• GPM Output 3.0 (minimum)</li><li>• Material Hose: 3/8" I.D. (minimum)</li><li>• Tip Size: 0.013"-0.017"</li><li>• Output PSI: 2100-2200</li><li>• Filter Size: 60 Mesh</li></ul> <p>*PTFE packings are recommended and available from the pump manufacturer.</p>
<b>Brush &amp; Roller (General)</b>	Brush and roller recommended for small areas only.  *WIWA is a registered trademark of WIWA LP.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	10°C (50°F)	4°C (40°F)	4°C (40°F)	0%
Maximum	35°C (95°F)	54°C (130°F)	49°C (120°F)	85%

Industry standards are for substrate temperatures to be 5°F (3°C) above the dew point. This product simply requires the substrate temperature to be above the dew point.

### CURING SCHEDULE

Surface Temp.	Dry to Recoat	Final Cure
4°C (40°F)	48 Hours	72 Hours
16°C (60°F)	20 Hours	36 Hours
24°C (75°F)	12 Hours	30 Hours
29°C (85°F)	8 Hours	16 Hours

These times are based on a 3.0 (75 micron) dry film thickness.

### CLEANUP & SAFETY

<b>Cleanup</b>	Use Thinner #2 or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations
<b>Safety</b>	Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions.
<b>Ventilation</b>	When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA/NIOSH approved supplied air respirator.

## CLEANUP & SAFETY

<b>Caution</b>	This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.
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## PACKAGING, HANDLING & STORAGE

<b>Shelf Life</b>	24 months at 75 °F
<b>Storage Temperature &amp; Humidity</b>	40-120 °F 0-95% RH
<b>Flash Point (Setaflash)</b>	1295 HS Part A 81°F (27°C) 1295 HS Part B 61°F (16°C)
<b>Storage</b>	Store Indoors
<b>Packaging</b>	<u>Small Kit</u> Part A: 0.875 gal (11 lbs.) Part B: 0.125 gal (1.3 lbs.) <u>Large Kit</u> Part A: 4.375 gal (56 lbs) Part B: 0.625 gal (6 lbs)

## WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.