# High Performance 2K Water Base
## Acrylic/Epoxy using HALOX CW-491

### COMPONENT A:

<table>
<thead>
<tr>
<th>GRIND</th>
<th>LBS/100 GALS</th>
<th>GRAMS/LITER</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Methyl Pyrrolidone</td>
<td>30.00</td>
<td>36.00</td>
</tr>
<tr>
<td>Water</td>
<td>110.00</td>
<td>132.00</td>
</tr>
<tr>
<td>Tamol 681 [1]</td>
<td>16.50</td>
<td>19.80</td>
</tr>
<tr>
<td>Ammonia Hydroxide (28%)</td>
<td>2.90</td>
<td>3.48</td>
</tr>
<tr>
<td>Foamex 825 [2]</td>
<td>2.40</td>
<td>2.88</td>
</tr>
<tr>
<td>Surlynol 104 DPM [3]</td>
<td>3.00</td>
<td>3.60</td>
</tr>
</tbody>
</table>

**Add the following in order listed while mixing:**

- Premix the following, then add to grind:
  - Water: 24.00 lbs./gal. 28.80 g/l
  - Bentone LT [4]: 1.00 lbs./gal. 1.20 g/l
  - Ti-Pure R-900 [5]: 59.60 lbs./gal. 71.52 g/l
  - HALOX CW-491: 75.00 lbs. 90.00 g/l
  - Shieldex [6]: 25.00 lbs./gal. 117.60 g/l
  - Barytes 290 [7]: 60.00 lbs./gal. 72.00 g/l
  - Microtalc MP 2538 [8]: 98.00 lbs./gal. 30.00 g/l

**LETDOWN**

- Water: 79.73 lbs./gal. 95.68 g/l
- Maincote AE-58 [1]: 333.60 lbs./gal. 400.32 g/l

**Add the grind from above:**

- Benzyl Alcohol: 16.00 lbs./gal. 19.20 g/l
- n-Methyl Pyrrolidone: 15.70 lbs./gal. 18.84 g/l
- TEPA [9]: 9.20 lbs./gal. 11.04 g/l
- Foamex 825 [2]: 1.70 lbs./gal. 2.04 g/l
- HALOX FLASH-X 150: 4.80 lbs./gal. 5.76 g/l
- Acrysol RM 8W [1]: 3.90 lbs./gal. 4.68 g/l

### COMPONENT B:

- EPI-REZ 3510-W60 [10]: 101.30 lbs./gal. 121.56 g/l

**Mix Component A with Component B on the day of application. Allow 20-30 minutes induction time prior to application for optimum results.**

### FORMULA CONSTANTS

<table>
<thead>
<tr>
<th></th>
<th>LBS/100 GALS</th>
<th>GRAMS/LITER</th>
</tr>
</thead>
<tbody>
<tr>
<td>%Pigment/Wt.</td>
<td>29.68</td>
<td></td>
</tr>
<tr>
<td>%Solids/Wt.</td>
<td>49.55</td>
<td></td>
</tr>
<tr>
<td>%Solids/Vol.</td>
<td>35.16</td>
<td></td>
</tr>
<tr>
<td>%PVC</td>
<td>34.08</td>
<td></td>
</tr>
<tr>
<td>VOC lbs./gal.</td>
<td>1.74</td>
<td></td>
</tr>
<tr>
<td>VOC g/l</td>
<td>207.93</td>
<td></td>
</tr>
</tbody>
</table>

### FORMULA PROPERTIES

- Density lbs./gal.: 10.73
- Density g/l: 1288.00
- KU Visc. @ R.T.: 85-90
- pH @ R.T.: 9.0-9.5

### SUPPLIER KEY

- [1] Resolution Performance Products
- [2] Tego Chemie
- [7] Whittaker, Clark and Daniels
- [9] Union Carbide Corp.
- [10] Shell Chemical Company

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The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use.