Formulation

Water Reducible Epoxy Ester Primer
using HALOX CW-491

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LBS</th>
<th>GALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resydrol AX 237w/70BG</td>
<td>360.73</td>
<td>42.37</td>
</tr>
<tr>
<td>Ammonia Hydroxide (28%)</td>
<td>10.03</td>
<td>1.34</td>
</tr>
<tr>
<td>Triethylamine</td>
<td>16.95</td>
<td>2.82</td>
</tr>
<tr>
<td>Additol VXW 6206</td>
<td>4.09</td>
<td>0.45</td>
</tr>
<tr>
<td>Troymax Antiskin B</td>
<td>1.94</td>
<td>0.25</td>
</tr>
<tr>
<td>Patcote 577</td>
<td>1.00</td>
<td>0.14</td>
</tr>
<tr>
<td>De-Ionized Water</td>
<td>100.30</td>
<td>12.02</td>
</tr>
<tr>
<td>RO-4097 Kroma Red</td>
<td>90.49</td>
<td>2.21</td>
</tr>
<tr>
<td>HALOX CW-491</td>
<td>87.29</td>
<td>3.85</td>
</tr>
<tr>
<td>Nytal 400</td>
<td>56.90</td>
<td>2.39</td>
</tr>
<tr>
<td>Omyacarb 3</td>
<td>46.38</td>
<td>2.06</td>
</tr>
<tr>
<td>Bartex 65</td>
<td>71.98</td>
<td>1.98</td>
</tr>
<tr>
<td>Aerosil 200</td>
<td>4.06</td>
<td>0.22</td>
</tr>
</tbody>
</table>

High speed disperse to 5+ NS Hegman grind.

De-Ionized Water 232.83 27.90

TOTAL 1,084.97 100.00

Formula Constants

- Density (lb/gal): 10.85
- Density (g/L): 1300.23
- Weight Pigment (%): 32.54
- Volume Pigment (%): 12.49
- Weight Solids (%): 56.46
- Volume Solids (%): 40.95
- PVC (%): 30.87
- VOC (lb/gal): 2.23
- VOC (g/L): 267.32

Formula Properties

- pH @ 25°C: 8.7 - 9.5
- Viscosity - Stormer (KU) @ 25°C: 90 - 95

Supplier Key

1. CYTEC
2. Union Carbide Corporation
3. Troy Corporation
4. American Ingredients Company
5. Elementis Pigments Inc.
6. HALOX
8. OMYA, Inc.
9. TOR Minerals International
10. Degussa Corporation

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.

RESY237/491

HALOX® 1326 Summer St., Hammond, IN 46320, USA tel: 219.933.1560, www.halox.com
WATER REDUCIBLE EPOXY ESTER PRIMER using HALOX CW-491

Salt Spray - 168 hrs - Matte CRS - 2.0 mil (50 microns)

Blank Control  8% Zinc Phosphate  8% HALOX CW-491  8% Calcium Phosphate