**FORMULATION**

2K Water Based PUR based on Bayhydrol A-145/Desmodur XP 2410 using HALOX® 430 and HALOX® 570

### Component A:

<table>
<thead>
<tr>
<th>Grind</th>
<th>% Wt./Wt.</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bayhydrol A 145</td>
<td>20.57</td>
<td>Resin</td>
</tr>
<tr>
<td>De-Ionized Water</td>
<td>4.80</td>
<td></td>
</tr>
<tr>
<td>Tamol 681</td>
<td>0.62</td>
<td>Dispersant</td>
</tr>
<tr>
<td>BYK-028</td>
<td>0.14</td>
<td>Defoamer</td>
</tr>
<tr>
<td>Bocchi Gel LW</td>
<td>0.15</td>
<td>Thicker</td>
</tr>
<tr>
<td>Ti-Pure R-960</td>
<td>20.07</td>
<td>Pigment</td>
</tr>
<tr>
<td>HALOX® 430</td>
<td>2.90</td>
<td>Corrosion Inhibitor</td>
</tr>
</tbody>
</table>

High Speed Disperse to a 7+ N.S. Hegman grind.

<table>
<thead>
<tr>
<th>Component B:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Desmodur XP 2410</td>
<td>25.00</td>
<td>Isocyanate</td>
</tr>
</tbody>
</table>

TOTAL: 100.00

### FORMULA CONSTANTS

- **Density (lb/gal):** 10.79
- **Density (g/L):** 1293.63
- **Weight Pigment (%):** 22.97
- **Volume Pigment (%):** 8.09
- **Weight Solids (%):** 68.63
- **Volume Solids (%):** 58.91
- **PVC (%):** 27.74
- **VOC (lb/gal):** 0.72
- **VOC (g/L):** 86.87

### FORMULA PROPERTIES

- **pH @ 25°C:** 8.0-8.5
- **Viscosity - Stormer (KU) @ 25°C:** 80-85
- **Pot Life:** 3-4 Hours

### SUPPLIER KEY

- [1] Coverstro
- [2] DOW
- [3] BYK Chemie
- [4] OMG Borchers
- [5] DuPont Chemicals
- [6] ICL Advanced Additives
- [7] BASF

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2K Water Based PUR Based on Bayhydrol A-145/Desmodur XP 2410 using HALOX® 430 and HALOX® 570

Blasted Hot Rolled Steel - 3.5 mils. - 750 HRS. Salt Spray

5% Modified Zinc Phosphate

3% HALOX® 430/1% HALOX® 570 (30% solution)

ZINC FREE