Waterborne Acrylic/Epoxy Hybrid Primer using HALOX SZP-391

**Formula Constants**

<table>
<thead>
<tr>
<th></th>
<th>LBS</th>
<th>GALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>80.00</td>
<td>9.59</td>
</tr>
<tr>
<td>Arcosolv DPNB</td>
<td>10.00</td>
<td>1.32</td>
</tr>
<tr>
<td>Nuosperse W-22</td>
<td>15.00</td>
<td>1.70</td>
</tr>
<tr>
<td>Triton CF-10</td>
<td>2.18</td>
<td>0.24</td>
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<tr>
<td>Dehydran 1620</td>
<td>1.50</td>
<td>0.19</td>
</tr>
<tr>
<td>RO-4097 Kroma Red</td>
<td>59.86</td>
<td>1.46</td>
</tr>
<tr>
<td>HALOX SZP-391</td>
<td>54.50</td>
<td>2.02</td>
</tr>
<tr>
<td>Atomite</td>
<td>182.87</td>
<td>8.12</td>
</tr>
<tr>
<td>Ammonia Hydroxide (28%)</td>
<td>3.00</td>
<td>0.40</td>
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</tbody>
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**Formula Properties**

- pH @ 25°C: 8.5 - 9.5
- Viscosity - Stormer (KU) @ 25°C: 85 - 90
- Viscosity - ICI (Poise) @ 25°C: .5 - .7

**Supplement**

- High speed disperse to 5+ NS Hegman grind.
- Drop the above grind into the letdown with good mixing:
  - NeoCryl A 6109 [8]: 476.48 L / 55.43 G
- Water: 137.30 L / 16.45 G
- Texanol [9]: 10.00 L / 1.26 G
- Optiflo L100 [10]: 5.00 L / 0.58 G
- Optiflo H600 [10]: 6.00 L / 0.69 G
- HALOX FLASH-X 150 [6]: 5.22 L / 0.56 G

**Total**

1,048.91 L / 100.00 G

**Supplier Key**

[1] Lyondell Chemical Company
[3] The Dow Chemical Company
[4] Cognis Corporation
[6] HALOX
[7] IMERYS
[8] DSM Neo Resins
[9] Eastman Chemical Company
[10] Sud - Chemie Group

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.
Waterborne Acrylic/Epoxy Hybrid Primer using 5% HALOX SZP-391 and 0.5% Flash-X 150
168 Hours Salt Spray - Cold Rolled Steel - 2 mils