**VANDERBILT Minerals Formula**

**Formula 081501**

Water-Reducible Alkyd/Acrylic Latex Direct To Metal Primer

**VANSIL® W-50** Wollastonite, **ACTIV-8** Drier, Stabilizer and Accelerator

### DISPERSION

<table>
<thead>
<tr>
<th>Pounds</th>
<th>Gallons</th>
<th>Kilograms</th>
<th>Liters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kelsol® 3961-B2G-75</td>
<td>65.6</td>
<td>7.5</td>
<td>7.87</td>
</tr>
<tr>
<td>Arcosolv® DPM</td>
<td>28.1</td>
<td>4.0</td>
<td>3.37</td>
</tr>
<tr>
<td>Preblend the next four items and add.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arcosolv® DPM</td>
<td>23.4</td>
<td>3.3</td>
<td>2.81</td>
</tr>
<tr>
<td>Arcosolv® PM Acetate</td>
<td>4.7</td>
<td>0.6</td>
<td>0.56</td>
</tr>
<tr>
<td><strong>ACTIV-8</strong> Drier, Stabilizer and Accelerator</td>
<td>0.4</td>
<td>0.0</td>
<td>0.04</td>
</tr>
<tr>
<td>Cobalt Hydrocure® II</td>
<td>1.5</td>
<td>0.2</td>
<td>0.18</td>
</tr>
<tr>
<td>Ti-Pure® R 900</td>
<td>46.8</td>
<td>1.4</td>
<td>5.62</td>
</tr>
<tr>
<td><strong>VANSIL® W-50</strong> Wollastonite</td>
<td>76.1</td>
<td>3.1</td>
<td>9.13</td>
</tr>
<tr>
<td>Halox® SW 111</td>
<td>74.9</td>
<td>3.1</td>
<td>9.00</td>
</tr>
</tbody>
</table>

Disperse at high speed for 20 minutes.
Reduce speed and add:

- AMP-95® | 1.9 | 0.2 | 0.23 | 0.24 |
- Water | 57.5 | 6.9 | 6.74 | 6.74 |

Measure pH and adjust to 8.0 to 8.5 with AMP-95.
Mix at slow speed for 5 minutes.

### LET DOWN

2.5% Cellosize® QP 4400

Mix at medium speed for 5 minutes.
Neocryl® 6085 Latex

Mix at slow speed for 10 minutes.

### TOTALS

980.5 | 100.0 | 117.49 | 100.01

### PAINT PROPERTIES

- **Density**: 9.8 lbs/gal, 1.17 g/ml
- **% Solids by weight**: 44.8
- **% Solids by volume**: 33.4
- **% PVC**: 23
- **Pigment to binder ratio**: 0.82:1
- **Calculated VOC**: 1.72 lbs/gal, 205 g/l

### RAW MATERIAL SUPPLIERS

1. Vanderbilt Minerals, LLC, Norwalk, CT
2. Reichhold, Inc., Research Triangle Park, NC
3. Lyondell Chemical Company, Rotterdam, The Netherlands
4. OM Group, Inc., Cleveland, OH
5. E.I. du Pont de Nemours & Company, Wilmington, DE
6. Halox Pigments, Hammond, IN
7. Angus Chemical Company, Buffalo Grove, IL
8. Dow Chemical Company, Midland, MI
9. AstraZeneca Pharmaceuticals LP, Wilmington, DE

### TRADEMARKS

**ACTIV-8** Drier, Stabilizer and Accelerator and **VANSIL**

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