

**Red-Oxide 2-K WB Anticorrosive Primer Epoxy Formulation (8001-2)**

<b>Ingredients</b>	<b>Pounds</b>	<b>Gallons</b>
<b>Part A</b>		
<i>On high-speed mixer, disperse following in order</i>		
Water	58.5	7
Sodium Nitrite (15%)	8.9	0.98
Byk-019 Dispersant	2.0	0.24
Tego Airex 902W Deaerator	3.0	0.35
Disperbyk 194 Dispersant	11.9	1.31
Red iron oxide	56.9	1.34
Blanc Fixe N Barium Sulfate	66.4	1.94
Wollastocoat 10 ES Wollastonite	94.9	3.92
Halox SW-111 Corrosion Inhibitor	74.3	3.12
Mica 325	7.9	0.34
<i>Reduce mixing speed and add</i>		
OUDRASperse™ WB 6001 Epoxy Dispersion	516.9	57.37
PRIMAL™ RM-8W Rheology Modifier*	2.0	0.23
Water	2.5	0.30
Spheriglass 5000 Glass Spheres	56.9	2.73
DOW CORNING™ Z-6040 Silane	5.6	0.63
<b>Part A subtotal</b>	<b>968.59</b>	<b>81.79</b>
<b>Part B</b>		
OUDRACure™ WB 8002 Curing Agent	112.1	12.58
Water	31.3	3.75
DOWANOL™ PM Glycol Ether	10.1	1.31
DOWANOL PPh	5	0.56
Part B Subtotal	158.5	18.21
<b>Totals</b>	<b>1127</b>	<b>100</b>

**Formulation Constants:**

<b>Property</b>	<b>Value</b>
Total PVC	30.5%
Volume Solids	43.8%
Weight Solids	58.2%
Density (lb/gal)	11.3
VOC (g/L)	40
Stoichiometry (epoxy: amine)	1.33: 1.0

\*PRIMAL RM-8W is known as ACRYCOL RM-8W in North America