



# Formulation

## Cost Effective 2K Water Base Epoxy Primer using HALOX SW-111

### COMPONENT A:

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
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Add the following in order listed:

EPI-REZ 5522-WY-55	[1]	450.00	540.00
Diacetone Alcohol	[2]	7.00	8.40
Water		100.00	120.00
Nopco NDW	[3]	2.00	2.40

Mix for 5 minutes and add the following while mixing at high speed.

R.I.O. R-4098	[4]	100.00	120.00
HALOX SW-111		50.00	60.00
Wollastokup 10ES	[5]	150.00	180.00
Sparmite	[4]	100.00	120.00

High speed disperse 5+ NS Hegman grind. Then add the following while mixing:

**DO NOT AERATE!**

EPI-REZ 5522-WY-55	[1]	30.00	36.00
Water		25.00	30.00

### COMPONENT B:

Mix at low speed.

EPI-CURE 8290-Y-60	[1]	60.00	72.00
Nacorr 1754	[6]	3.00	3.60

Add the following raw materials in order listed while mixing at high speed.

Zeeospheres 400	[7]	100.00	120.00
325 Mesh W.G. Mica	[8]	10.00	12.00

High speed disperse 4+ NS Hegman grind. Then add the following slowly while mixing:

**DO NOT AERATE!**

Water		40.00	48.00
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Mix Ratio:\*    Component A - 80% by volume.  
                           Component B - 20% by volume.

\*To obtain optimum results, allow 20-30 minutes induction time prior to application.

<b>TOTAL</b>		1227.00	1472.40
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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.

**EPI-REZ/SW-111**

**SAH-081402**

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### FORMULA CONSTANTS

% Pigment/Wt.	41.65
% Pigment/Vol.	18.78
% Solids/Wt.	65.81
% Solids/Vol.	49.66
% PVC	37.81
P/B Ratio	1.72
VOC lbs./gal.	1.25
VOC g/l	150.00

### FORMULA PROPERTIES

Density lbs./gal.	12.25
Density g/l	1470.00
Set-to-touch	30 minutes
Dry Hard	Overnight

### SUPPLIER KEY

- [1] Resolution Performance Products
- [2] Union Carbide Corp.
- [3] Cognis Corporation
- [4] Elementis Pigments Inc.
- [5] NYCO Minerals, Inc.
- [6] King Industries, Inc.
- [7] Zeelan Industries, Inc.
- [8] KMG Minerals, Inc.