



# Formulation

## Heavy Metal Free 2K Waterborne Epoxy Dispersion Industrial Maintenance Primer using HALOX CW-491

		<u>LBS</u>	<u>GALS</u>
<i>COMPONENT A:</i>			
<i>GRIND</i>			
EPI-REZ 6520-WH-53	[1]	295.44	32.48
Dowanol DPnB	[2]	32.29	4.25
EFKA 2526 Defoamer	[3]	3.23	0.42
Disperbyk-190	[4]	5.05	0.57
RO-4097 Kroma Red	[5]	71.84	1.76
HALOX CW-491	[6]	100.90	4.44
Wollastocoat 10ES	[7]	107.26	4.43
Nyral 400	[8]	45.71	1.92
Sparmite Barytes	[5]	62.96	1.71
<i>High speed disperse to 4.5 - 5.5 NS Hegman grind, then add the following:</i>			
EPI-REZ 6520-WH-53	[1]	153.98	16.93
De-Ionized Water		72.85	8.73
<i>COMPONENT B:</i>			
DPC 6870 Curing Agent	[9]	180.62	19.67
<i>Premix the next 2 ingredients before adding.</i>			
HALOX FLASH-X 330	[6]	11.60	1.17
Dowanol PM Glycol Ether	[2]	11.60	1.51
<b>TOTAL</b>		<b>1,155.34</b>	<b>100.00</b>

### Formula Constants

Density (lb/gal)	11.55
Density (g/L)	1384.55
Weight Pigment (%)	33.64
Volume Pigment (%)	14.27
Weight Solids (%)	63.18
Volume Solids (%)	48.58
PVC (%)	29.82
VOC (lb/gal)	0.90
VOC (g/L)	108.23

### Formula Properties

### Supplier Key

- [1] Momentive
- [2] The Dow Chemical Company
- [3] EFKA Chemicals
- [4] Byk - Chemie USA Inc.
- [5] Elementis Pigments Inc.
- [6] HALOX
- [7] Nyco Minerals, Inc.
- [8] R.T. Vanderbilt Company, Inc.
- [9] HEXION

*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.*