



Formulation

Cost Effective 2K Waterborne Epoxy Dispersion Marine Primer using HALOX Z-PLEX 111

		<u>LBS</u>	<u>GALS</u>
<i>COMPONENT A:</i>			
<i>GRIND</i>			
EPI-REZ 6520-WH-53	[1]	295.38	32.47
Dowanol DPnB	[2]	32.28	4.25
EFKA 2526 Defoamer	[3]	3.23	0.42
RO-4097 Kroma Red	[4]	71.83	1.76
HALOX Z-Plex 111	[5]	100.88	3.89
Wollastocoat 10ES	[6]	107.24	4.43
Sparmite Barytes	[4]	83.63	2.28
Zeeospheres G-400	[7]	32.08	1.60
325 mesh Wet Ground Mica	[8]	7.57	0.32
<i>High speed disperse to 4.5 - 5.5 NS Hegman grind, then add the following:</i>			
EPI-REZ 6520-WH-53	[1]	153.95	16.92
De-Ionized Water		77.68	9.31
<i>COMPONENT B:</i>			
DPC 6870 Curing Agent	[9]	180.58	19.67
<i>Premix the next 2 ingredients before adding.</i>			
HALOX FLASH-X 330	[5]	11.60	1.17
Dowanol PM Glycol Ether	[2]	11.60	1.51
TOTAL		1,169.53	100.00

Formula Constants

Density (lb/gal)	11.70
Density (g/L)	1401.57
Weight Pigment (%)	34.48
Volume Pigment (%)	14.28
Weight Solids (%)	63.48
Volume Solids (%)	48.37
PVC (%)	29.83
VOC (lb/gal)	0.91
VOC (g/L)	108.62

Formula Properties

Supplier Key

- [1] Momentive
- [2] The Dow Chemical Company
- [3] EFKA Chemicals
- [4] Elementis Pigments Inc.
- [5] HALOX
- [6] Nyco Minerals, Inc.
- [7] Zeelan Industries, Inc.
- [8] Oglebay Norton Specialty Minerals, 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.