



Formulation

High Performance 2K Water Dispersible Epoxy Primer using HALOX 430 and HALOX 520

		<u>LBS</u>	<u>GALS</u>
<i>COMPONENT A:</i>			
<i>GRIND</i>			
EPI-REZ 6520-WH-53	[1]	295.68	32.50
Dowanol PnB	[2]	32.63	4.42
EFKA 2526 Defoamer	[3]	3.26	0.42
RO-4097 Kroma Red	[4]	71.65	1.75
HALOX 430	[5]	50.46	2.31
Wollastocoat 10ES	[6]	108.39	4.48
Nytral 400	[7]	45.41	1.91
Sparmite A	[4]	152.38	4.15

High speed disperse to 4.5 - 5.5 NS Hegman grind, then add the following:

EPI-REZ 6520-WH-53	[1]	154.40	16.97
De-Ionized Water		73.62	8.82

COMPONENT B:

DPC 6870 Curing Agent	[1]	180.63	19.68
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Premix the next 2 ingredients before adding.

HALOX FLASH-X 150	[5]	5.93	0.64
HALOX 520	[5]	15.62	2.01
Dowanol PM Glycol Ether	[2]	11.73	1.53

TOTAL		1,201.78	101.60
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Formula Constants

Density (lb/gal)	11.83
Density (g/L)	1417.56
Weight Pigment (%)	35.64
Volume Pigment (%)	14.37
Weight Solids (%)	64.57
Volume Solids (%)	48.95
PVC (%)	30.27
VOC (lb/gal)	0.90
VOC (g/L)	107.82

Formula Properties

*Part A, Stormer Viscosity @ 25°C: 110-120 KU
Mix Ratio Part A:B by Volume: 4:1*

Supplier Key

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

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.