



# Formulation

## 2K High Solids Epoxy Primer using HALOX 750 (Epon 828 with Ancamide 2445 Curing Agent)

		<u>LBS</u>	<u>GALS</u>
<i>COMPONENT A:</i>			
Epon 828	[1]	222.88	23.02
M-P-A 1078 X	[2]	3.85	0.53
<i>Mix well then add at high speed:</i>			
Ti-Pure R-900	[3]	23.90	0.72
Wollastocoat 10AS	[4]	352.83	14.58
Xylene	[5]	81.86	11.27
<i>COMPONENT B:</i>			
Ancamide 2445	[6]	187.23	21.78
Beetle 216-8	[7]	14.22	1.67
<i>Mix well then add at high speed:</i>			
Bayferrox 180M	[8]	57.18	1.40
Beaverwhite 325	[9]	92.23	4.09
HALOX 750	[10]	90.26	3.63
Wollastocoat 10AS	[4]	44.15	1.82
Aromatic 100	[11]	84.83	11.68
Diacetone Alcohol	[1]	29.82	3.80
<b>TOTAL</b>		<b>1,285.23</b>	<b>100.00</b>

### Formula Constants

Density (lb/gal)	12.85
Density (g/L)	1540.22
Weight Pigment (%)	51.39
Volume Pigment (%)	26.24
Weight Solids (%)	84.08
Volume Solids (%)	72.09
PVC Ratio	36.40
VOC (lb/gal)	2.05
VOC (g/L)	245.26

### Formula Properties

Viscosity - Stormer (KU) 95 - 100  
@ 25°C

Mix Ratio 1:1 by Volume  
Pot Life 6 hours  
Dry to Touch 5 hours

### Supplier Key

- [1] HEXION
- [2] Elementis Specialties, Inc.
- [3] DuPont Chemicals
- [4] Nyco Minerals, Inc.
- [5] Ashland Chemical Company
- [6] Air Products
- [7] CYTEC
- [8] Bayer Corporation
- [9] Luzenac
- [10] HALOX
- [11] Exxon Mobil Chemical

*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.*



# HALOX® 750 HYBRID CORROSION INHIBITOR

**2K High Solid Epoxy / Polyamide Primer**

Salt Spray - 1000 hours - Matte CRS - 2 mils (50 microns) - % t.f.w.



HALOX® 750 @ 7%



Modified Zinc Aluminum  
Molybdenum Phosphate @ 7%



Activated Zinc Phosphate  
@ 10.5%



Modified Zinc Phospho-  
Silicate @ 7%