2K Waterborne PUR based on Bayhydrol A-145/ Desmodur XP 2410 using HALOX SW-111

		<u>LBS</u>	<u>GALS</u>	
COMPONENT A:				
GRIND				
Bayhydrol A 145	[1]	234.69	26.53	
De-Ionized Water		54.77	6.56	
Tamol 681	[2]	7.00	0.78	
BYK-028	[3]	1.50	0.17	
Borchi Gel LW 44	[4]	1.77	0.20	
Ti-Pure R-960	[5]	228.91	7.03	
HALOX SW-111	[6]	33.00	1.38	
High speed disperse to 7+ NS Hegman grind.				
Bayhydrol A 145	[1]	251.50	28.43	
BYK-346	[3]	4.70	0.56	
BYK-028	[3]	1.50	0.17	
Tinuvin 5151	[7]	4.77	0.52	
De-Ionized Water		19.81	2.37	
COMPONENT B:				
Desmodur XP 2410	[1]	285.10	29.70	
TOTAL		1,129.02	104.41	

Formula Constants

Density (lb/gal)	10.81
Density (g/L)	1295.82
Weight Pigment (%)	23.20
Volume Pigment (%)	8.05
Weight Solids (%)	69.02
Volume Solids (%)	59.21
PVC (%)	27.43
VOC (lb/gal)	0.73
VOC (g/L)	87.31

Formula Properties

pH @ 25°C Viscosity Part A- Stormer @ 25°C	8.0 - 8.5 80 - 85 KU
Pot Life	3 - 4 Hours
Cure Ratio by Wt. (A:B) Cure Ratio by Vol (A:B)	3:1 2.5:1

Supplier Key

- [1] Bayer Corporation
- [2] Rohm and Haas
- [3] BYK Chemie USA Inc.
- [4] Lanxess Corporation Borchers Paint Additives
- [5] DuPont Chemicals
- [6] HALOX
- [7] Ciba Specialty Chemicals

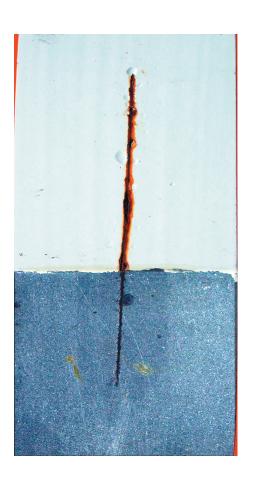
The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use.

A-145 XP2410 SW-111

Water Based Polyurethane 500 HOURS SALT SPRAY - SUBSTRATE: BLASTED HOT ROLLED STEEL 80 microns - % on total formula weight



3% Zinc Based Competitor Corrosion Inhibitor



3% HALOX SW-111

(HALOX)