



Formulation

High Performance 2K Water Base Acrylic/Epoxy using HALOX CW-491

COMPONENT A:

<u>GRIND</u>		<u>LBS/100 GALS.</u>	<u>GRAMS/LITER</u>
<i>Add the following in order listed while mixing.</i>			
n-Methyl Pyrrolidone		30.00	36.00
Water		110.00	132.00
Tamol 681	[1]	16.50	19.80
Ammonia Hydroxide (28%)		2.90	3.48
Foamex 825	[2]	2.40	2.88
Surfynol 104 DPM	[3]	3.00	3.60
<i>Premix the following, then add to grind:</i>			
Water		24.00	28.80
Bentone LT	[4]	1.00	1.20
Ti-Pure R-900	[5]	59.60	71.52
HALOX CW-491		75.00	90.00
Shieldex	[6]	25.00	117.60
Barytes 290	[7]	60.00	72.00
Microtalc MP 2538	[8]	98.00	30.00

Add the following at high speed and disperse to 5+ NS Hegman grind:

LETDOWN

Water		79.73	95.68
Maincote AE-58	[1]	333.60	400.32
<i>Add the grind from above.</i>			
Benzyl Alcohol		16.00	19.20
n-Methyl Pyrrolidone		15.70	18.84
TEPA	[9]	9.20	11.04
Foamex 825	[2]	1.70	2.04
HALOX FLASH-X 150		4.80	5.76
Acrysol RM 8W	[1]	3.90	4.68

COMPONENT B:

EPI-REZ 3510-W60	[10]	101.30	121.56
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Mix Component A with Component B on the day of application. Allow 20-30 minutes induction time prior to application for optimum results.

TOTAL		1073.33	1288.00
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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 you own laboratory prior to use.

AE58/CW491

WU-011501

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FORMULA CONSTANTS

% Pigment/Wt.	29.68
% Pigment/Vol.	11.98
% Solids/Wt.	49.55
% Solids/Vol.	35.16
% PVC	34.08
VOC lbs./gal.	1.74
VOC g/l	207.93

FORMULA PROPERTIES

Density lbs./gal.	10.73
Density g/l	1288.00
KU Visc. @ R.T.	85-90
pH @ R.T.	9.0-9.5

SUPPLIER KEY

- [1] Resolution Performance Products
- [2] Tego Chemie
- [3] Air Products and Chemicals, Inc.
- [4] RHEOX, Inc.
- [5] Du Pont Co.
- [6] W.R. Grace and Co.
- [7] Whittaker, Clark and Daniels
- [8] Elementis Pigments Inc.
- [9] Union Carbide Corp.
- [10] Shell Chemical Company