



Formulation

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

COMPONENT A:

<u>GRIND</u>		<u>%Wt./Wt.</u>	
<i>Add the following in order listed while mixing:</i>			
n-Methyl Pyrrolidone		2.79	Solvent
Water		10.25	
Orotan 681	[1]	1.54	Thickener
Ammonia Hydroxide (28%)		0.27	Amine
Foamex 825	[2]	0.22	Defoamer
Surfynol 104 DPM	[3]	0.28	Surfactant
<i>Premix the following, then add to grind.</i>			
Water		2.24	
Bentone LT	[4]	0.09	Thickener
Ti-Pure R-900	[5]	5.55	Pigment
HALOX CW-491		6.99	A.C. Pigment
Shieldex	[6]	2.33	A.C. Pigment
Barytes Fleur	[7]	5.59	Filler
Microtalc A.T. Extra	[8]	9.13	Filler

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

LETDOWN

Water		7.43	
Maincote AE-58	[1]	31.08	Acrylic Resin
<i>Add the grind from above.</i>			
Benzyl Alcohol		1.49	Solvent
n-Methyl Pyrrolidone		1.46	Solvent
Tetraethylene Pentamine		0.86	Curing Agent
Foamex 825	[2]	0.16	Defoamer
HALOX FLASH-X 150		0.45	Flash Rust Inhibitor
Acrysol RM 8W	[1]	0.36	Thickener

COMPONENT B:

Epi-Rez 3510-W60	[9]	9.44	Epoxy Resin
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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 100.00

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/CW491E

WN-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 g/l	207.93

FORMULA PROPERTIES

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

SUPPLIER KEY

- [1] Rohm and Haas Deutschland GmbH
- [2] Tego Chemie
- [3] Air Products and Chemicals Division-Europe
- [4] RHEOX GmbH
- [5] Du Pont de Nemours GmbH
- [6] W.R. Grace & Co.
- [7] Sachtleben Chemie
- [8] Norwegian Talc, Ltd.
- [9] Resolution Performance Products