



# Formulation

## Chromate Free 1K Epoxy Etch Primer using HALOX CW-491

<u>GRIND</u>		<u>% Wt./Wt.</u>	
Beckopox EM 460 (60%)	[1]	13.40	Epoxy Resin
Mowital B 30 H (20%) <sup>A</sup>		40.00	P.V.B. Binder
Bayferrox 120M	[2]	4.80	Pigment
HALOX CW-491		8.00	A.C. Pigment
Micro I.T. Extra	[3]	8.00	Filler
<i>High speed disperse to a 6+ NS Hegman grind.</i>			
Silica Paste (10%) <sup>B</sup>		3.20	Wetting Agent
Solvent Package <sup>C</sup>		19.40	Thinner
H <sub>3</sub> PO <sub>4</sub> (85%)/Butanol (1:3)		3.20	Acid Catalyst
<b>TOTAL</b>		<u>100.00</u>	
<b>A. Mowital B 30 H-Losung</b>			
Mowital B 30 H	[4]	20.00	
Butanol		20.00	
Eastman PM	[5]	20.00	
Xylol		40.00	
<b>TOTAL</b>		<u>100.00</u>	
<b>B. Silica Paste</b>			
Xylol		85.00	
Aerosil R972	[6]	10.00	
Additol XL 270	[1]	5.00	
<b>TOTAL</b>		<u>100.00</u>	
<b>C. Solvent Package</b>			
Butanol		30.00	
Eastman PM	[5]	30.00	
Xylol		40.00	
<b>TOTAL</b>		<u>100.00</u>	

<u>FORMULA CONSTANTS</u>	
%Pigment/Wt.	21.12
%Pigment/Vol.	7.57
%Solids/Wt.	37.87
%Solids/Vol.	23.72
%PVC	31.90
VOC g/l	686.25

<u>FORMULA PROPERTIES</u>	
Density g/l	1105.20
KU Visc. @ R.T.	70-75
Package Stability is EQUAL to Control Formula without Inhibitor.	

<u>SUPPLIER KEY</u>	
[1]	Vianova Resins
[2]	Bayer AG
[3]	Norwegian Talc, Ltd.
[4]	Clariant
[5]	Eastman Chemie Co.
[6]	Degussa AG

*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.*