



Formulation

Chromate Free 2K Epoxy Phenolic Etch Primer HALOX CW-491

using

COMPONENT A:

<u>GRIND</u>		<u>% Wt./Wt.</u>	
Mowital B 30 HH (20%) ^A		36.00	P.V.B. Binder
Phenodur PR 263 (70%)	[1]	9.00	Phenolic Resin
Beckopox EP 301 (50%) ^B		9.00	Epoxy Resin
Bayferrox 120M	[2]	5.00	Pigment
HALOX CW-491		8.00	A.C. Pigment
Micro I.T. Extra	[3]	11.00	Filler
<i>High speed disperse to a 6+ NS Hegman grind.</i>			
Silica Paste (10%) ^C		4.00	Wetting Agent
Solvent Package ^D		15.00	Thinner

COMPONENT B:

H ₃ PO ₄ (85%)/Butanol (1:3)		<u>3.00</u>	Acid Catalyst
TOTAL		100.00	

PREMIXES/INTERMEDIATES

A. Mowital B 30 HH

Mowital B 30 HH	[4]	20.00
Isopropanol		40.00
Xylol		30.00
Eastman PM	[5]	<u>10.00</u>
TOTAL		100.00

B. Beckopox EP 301

Beckopox EP 301 (75%)	[1]	67.00
Eastman PM	[5]	<u>33.00</u>
TOTAL		100.00

C. Silica Paste

Xylol		85.00
Aerosil R972	[6]	10.00
Additol XL 270	[1]	<u>5.00</u>
TOTAL		100.00

D. Solvent Package

Xylol		34.00
Isopropanol		33.00
Eastman PM	[5]	<u>33.00</u>
TOTAL		100.00

FORMULA CONSTANTS

%Pigment/Wt.	24.40
%Pigment/Vol.	8.78
%Solids/Wt.	43.10
%Solids/Vol.	26.87
%PVC	32.68
VOC g/l	624.63

FORMULA PROPERTIES

Density g/l	1098.00
KU Visc. @ R.T.	70-75
Application	Spray
Induction Time	20 minutes
Pot Life	8+ hours
Package Stability is EQUAL to Control Formula without Inhibitor.	

SUPPLIER KEY

- [1] Solutia, Inc.
- [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.

MOB30HH/491E

WN-081302

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