



# Formulation

## Chromate Free 2K Epoxy Phenolic Etch Primer using HALOX 650

### COMPONENT A:

<u>GRIND</u>		<u>%Wt/Wt.</u>	
<i>Premix the following 4 ingredients and mix until uniform.</i>			
Mowital B 30 HH	[1]	7.20	PVB Resin
Isopropanol		14.40	Solvent
Xylene		10.80	Solvent
Eastman PM Solvent	[2]	3.60	Solvent
Phenodur PR 263 (70%)	[3]	10.00	Phenolic Resin
<i>Premix the following 2 ingredients and mix until uniform.</i>			
Beckopox EP 301	[3]	6.67	Epoxy Resin
Eastman PM Solvent	[2]	3.33	Solvent
Bayferrox 120M	[4]	13.00	Pigment
Micro Talc AT Extra	[5]	9.00	Filler
<b>HALOX 650</b>		0.42	A.C. Pigment

*High speed disperse to 6+ NS Hegman grind.*

### LETDOWN

<i>Premix the following 3 ingredients before adding.</i>			
Xylene		3.00	Solvent
HDK H15	[6]	0.67	Thickener
Additol XL 270	[3]	0.33	Dispersant

<i>Premix the following 3 ingredients before adding.</i>			
Xylene		4.86	Solvent
Isopropanol		4.86	Solvent
Eastman PM Solvent	[2]	4.86	Solvent

### COMPONENT B:

Phosphoric Acid (85%)		0.75	Acid Catalyst
n-Butyl Alcohol		2.25	Solvent

<b>TOTAL</b>		<u>100.00</u>	
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### FORMULA CONSTANTS

%Pigment/Wt.	22.42
%Pigment/Vol.	6.64
%Solids/Wt.	43.11
%Solids/Vol.	25.93
%PVC	26.52
VOC g/L	625.41

### FORMULA PROPERTIES

Density	1100.13 g/L
Stormer Viscosity @ 25°C	70-75 KU
Application	Spray
Induction Time	20 minutes
Pot Life	8+ hours

### SUPPLIER KEY

- [1] Kurary Company, Ltd.
- [2] Eastman Chemie Company
- [3] UCB Surface Specialties
- [4] Bayer AG
- [5] Norwegian Talc, Ltd.
- [6] Wacker - Chemie GmbH

*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. Data and results supplied in-part by Ciba Specialty Chemicals and based on controlled or laboratory work.*

**MOB30HH/650E**

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