



Formulation

2K Polyamide Cured Aluminized Epoxy Mastic using HALOX CZ-170

COMPONENT A:

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
<i>Add the following in order listed while mixing.</i>			
Epon 828	[1]	284.52	341.42
MPA-1078	[2]	5.56	6.67
<i>Mix Well.</i>			
HALOX CZ-170		78.51	94.21
10 AS Wollastocoat	[3]	29.87	35.84
Summit Chlorite	[4]	86.37	103.64
Barytes BA-25	[5]	99.53	119.44
Cabosil TS 720	[6]	6.49	7.79

*High speed disperse to minimum temperature
130°F/ 55°C and 5+ NS Hegman grind.*

Add the following while mixing at low speed:

Epodil L	[7]	32.44	38.93
Super Hi-Flash Naphtha	[8]	107.69	129.23
Beetle 216-8	[9]	23.17	27.80
Aluminum paste L-243 (non leafing)	[10]	115.85	139.02

Mix well until uniform, add:

Diacetone Alcohol	[11]	22.24	26.69
Super Hi-Flash Naphtha	[8]	42.77	51.32

Mix well for 5 minutes.

COMPONENT B:

Ancamide 2353	[7]	168.93	202.71
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*Mix Ratio:** Component A- 80% by volume
Component B- 20% by volume

**No induction time is needed.*

TOTAL		1103.94	1324.71
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FORMULA CONSTANTS

%Pigment/Wt.	34.07
%Pigment/Vol.	13.95
%Solids/Wt.	79.54
%Solids/Vol.	68.62
%PVC	20.33
VOC lbs./gal.	2.28
VOC g/l	273.81

FORMULA PROPERTIES

Density lbs./gal.	11.04
Density g/l	1324.72
KU Visc. @ R.T.	85-90
Pot Life	8 hours
Set-to-touch	3 hours
Dry Hard	8 hours

SUPPLIER KEY

[1]	Resolution Performance Products
[2]	RHEOX, Inc.
[3]	NYCO Minerals, Inc.
[4]	Specialty Minerals, Inc.
[5]	Engelhard Corp.
[6]	Cabot Corp.
[7]	Air Products and Chemicals, Inc.
[8]	Ashland Chemical Co.
[9]	Cytec Industries, Inc.
[10]	Silberline Manufacturing Co., Inc.
[11]	Union Carbide Corp.

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.

EP828AMIDE/170

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