



Formulation

2K Wash Primer based on Butvar B-90 using HALOX SZP-391JM and HALOX 550

		<u>LBS</u>	<u>GALS</u>
<i>COMPONENT A:</i>			
<i>Premix the following, then add to above under agitation.</i>			
Isopropanol	[1]	80.76	12.31
n-Butyl Alcohol	[2]	53.84	7.95
BUTVAR B-90	[3]	27.81	3.03
Disperbyk	[4]	2.29	0.25
Dowanol PM Glycol Ether	[5]	40.38	5.26
Micro Talc IT Extra	[6]	25.87	1.11
HALOX SZP-391 JM		37.81	1.37
Zeeospheres 200	[7]	6.95	0.33
Aerosil R972	[8]	0.28	0.02
Bayferrox 318M	[9]	0.38	0.01
<i>High speed disperse to 6+ NS Hegman grind.</i>			
EPON 1007-CT-55	[10]	25.28	3.00
EPON 1001-B-80	[10]	17.38	1.89
HALOX 550	[11]	11.54	1.40
MPK		53.84	8.04
Dowanol PM Glycol Ether	[5]	40.38	5.26
<i>COMPONENT B:</i>			
Isopropanol	[1]	119.39	18.20
De-Ionized Water		6.12	0.73
75% Phosphoric Acid		22.04	1.57
MEK	[12]	190.03	28.25
TOTAL		762.37	100.00

Formula Constants

Density (lb/gal)	7.62
Density (g/L)	913.62
Weight Pigment (%)	9.31
Volume Pigment (%)	2.82
Weight Solids (%)	19.82
Volume Solids (%)	10.54
PVC (%)	32.71
VOC (lb/gal)	6.03
VOC (g/L)	722.92

Formula Properties

Viscosity Part A- Stormer @ 25°C	73 - 85 KU
Mix Ratio part A:B by Volume	1 - 1

Supplier Key

- [1] Eastmann Chemical Company
- [2] Eastman Chemical Company
- [3] SOLUTIA
- [4] Byk - Chemie USA Inc.
- [5] The Dow Chemical Company
- [6] Mondo Minerals
- [7] Zeelan Industries, Inc.
- [8] Degussa Corporation
- [9] Bayer Corporation
- [10] HEXION SPECIALTY CHEMICALS
- [11] HALOX
- [12] Unocal Corporation

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.

B90 SZP-391 JM/ 550-II

2K Wash Primer Based on Butvar B-90 using SZP-391JM and HALOX 550

High Gloss 2K Polyurethane DTM

Substrate: Cold Rolled Steel- 576 hours Salt Spray Testing

Wash Primer DFT: 0.60 mils (15 μm); Topcoat DFT: 2.0 mils (50 μm)
% on tfw



Topcoat Only



Zinc Chromate @ 7%



**HALOX SZP-391 JM @ 5%
HALOX 550 @ 1.5%**

2K Wash Primer Based on Butvar B-90 using SZP-391JM and HALOX 550

Medium Oil Alkyd Topcoat

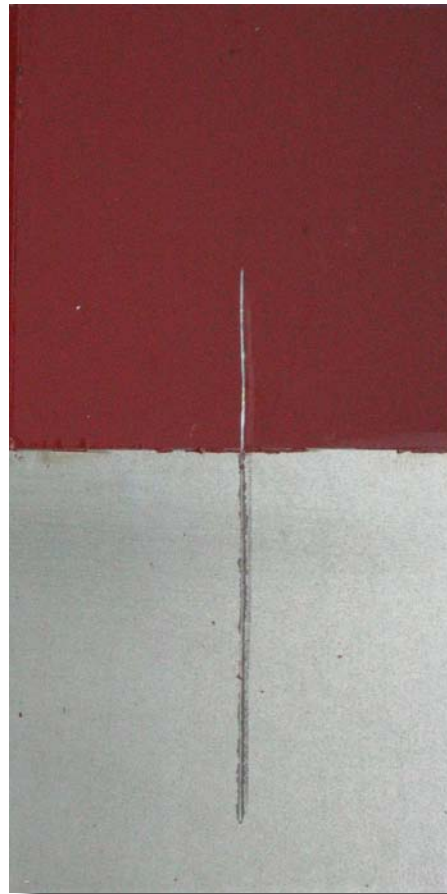
Substrate: Hot Dip Galvanized G70 70U - 500 hours Salt Spray Testing

Wash Primer DFT: 0.60 mils (15 μm); Topcoat DFT: 2.0 mils (50 μm)

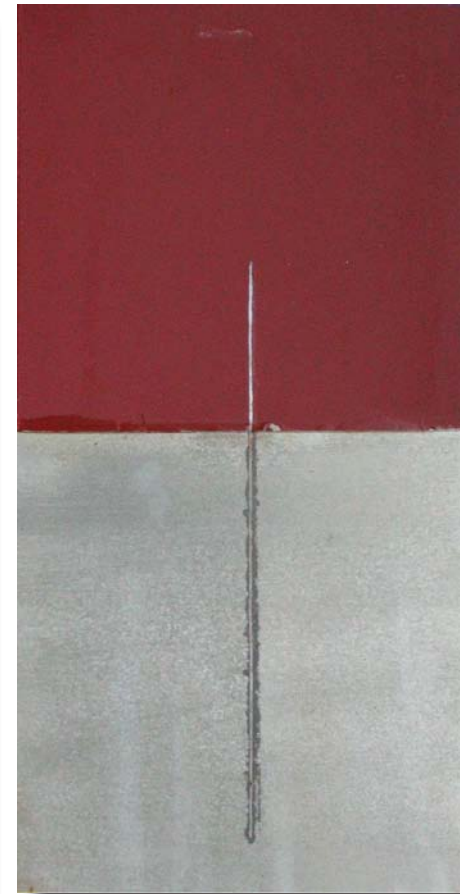
% on tfw



Topcoat Only



Zinc Chromate @ 7%



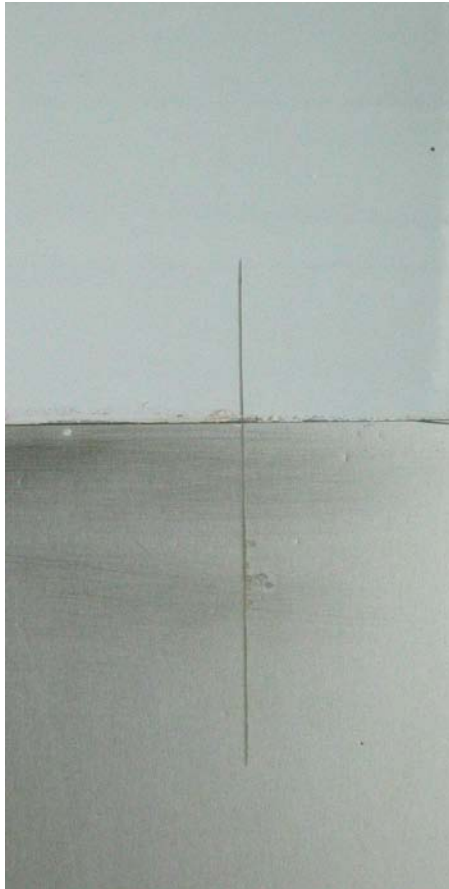
**HALOX SZP-391 JM @ 5%
HALOX 550 @ 1.5%**

2K Wash Primer Based on Butvar B-90 usig SZP-391JM and HALOX 550

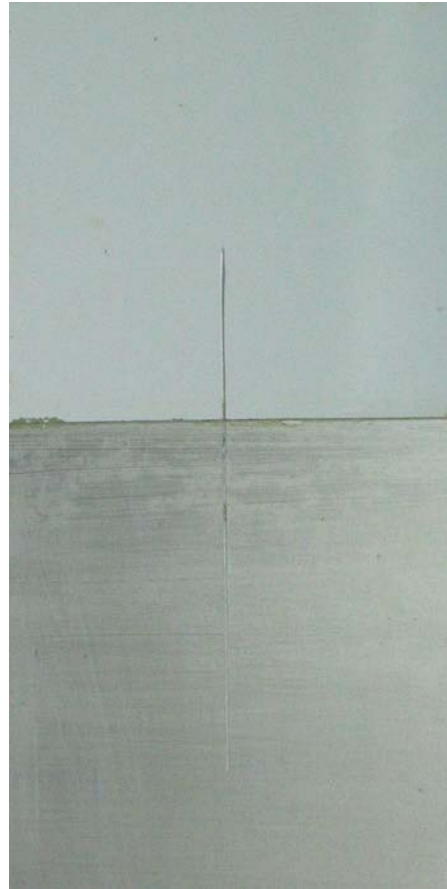
High Gloss 2K Polyurethane DTM

Substrate: Aluminum 3003 H14- 620 hours Salt Spray Testing

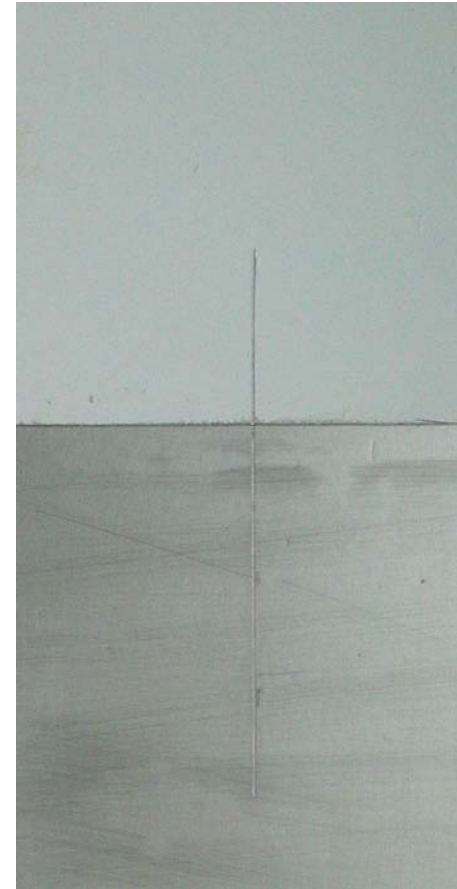
Wash Primer DFT: 0.60 mils (15 μ m); Topcoat DFT: 2.0 mils (50 μ m)
% on tfw



Topcoat Only



Zinc Chromate @ 7%



**HALOX SZP-391 JM @ 5%
HALOX 550 @ 1.5%**