



# FORMULATION

## Low VOC Red Iron Oxide Primer with HALOX® SZP-391 and HALOX® 570 LS

Grind		lb./100 gal.	Class
Water		11.87	
Ammonia Hydroxide (28%)		0.04	Amine
Disperse AYD W-22	[1]	1.37	Dispersant
Surfynol 104DPM	[2]	0.18	Dispersant
R-2899 Copperas Red	[1]	1.75	Pigment
HALOX® SZP-391	[3]	5.02	Corrosion Inhibitor
Nyral 300	[4]	20.98	Pigment
<i>High Speed Disperse to a 5.0 N.S.</i>			
Aquamac 780	[5]	41.08	Resin
Water		9.90	
Ammonia Hydroxide (28%)		0.23	Amine
BYK-035	[6]	0.09	Defoamer
Dowanol DPnB		1.23	Coalescent
Texanol	[8]	1.60	Coalescent
Benzoflex 9-88 [10]		2.92	Plasticizer
HALOX® 570 LS	[3]	0.99	Corrosion Inhibitor
Optiflo L100	[6]	0.46	Thickener
Optiflo H400	[6]	0.29	Thickener

### FORMULA CONSTANTS

Density (lb/gal)	10.59
Density (g/L)	1269.28
Weight Pigment (%)	27.76
Volume Pigment (%)	11.74
Weight Solids (%)	47.33
Volume Solids (%)	33.57
PVC (%)	36.24
VOC (lb/gal)	0.83
VOC (g/L)	99.71

### FORMULA PROPERTIES

pH @ 25°C	9.0-10.0
Viscosity - Stormer (KU) @ 25°C	85-95
Viscosity - ICI (Poise) @ 25°C	0.30-1.0

### SUPPLIER KEY

- [1] Elementis Specialties, Inc.
- [2] Air Products
- [3] ICL\ Advanced Additives
- [4] R.T. Vanderbilt Company, Inc.
- [5] PCCR USA
- [6] BYK- Chemie GmbH
- [7] The Dow Chemical Company
- [8] Eastman Chemical Company

**TOTAL** 100.00

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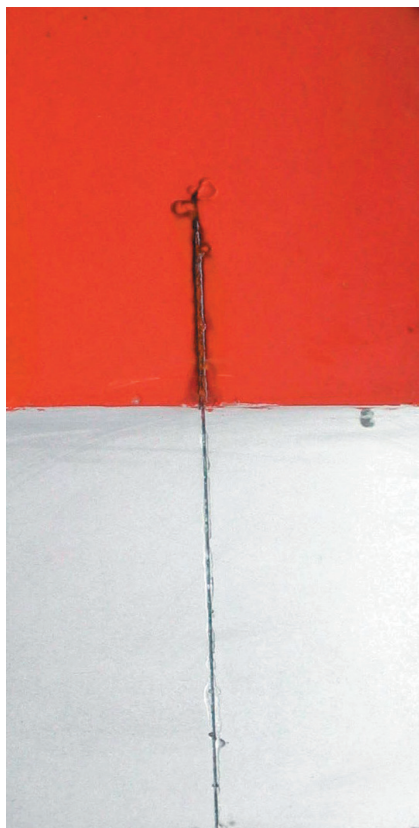


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**LOW VOC STYRENATED ACRYLIC PRIMER  
669 HRS. Salt Spray - CRS- 2.0 mils.  
D.F.T% on Total Formula Weight**



**HALOX® SZP-391 @ 5%  
& HALOX® 570 LS @1%**



**CONTROL**