



FORMULATION

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

| 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 (30% solution) | [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

NOTICE: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ICL Advanced Additives ("ICL") makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will ICL be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and ICL makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

© 2015 ICL Advanced Additives, a Division of ICL Performance Products LP. All rights reserved.



1326 Summer Street, Hammond, Indiana 46319 USA
P: 219.933.1560 E: techservice@halox.com
www.halox.com

06-01-2016



**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(30% solution)@1%**



CONTROL