



FORMULATION

Water Based Red Iron Oxide Acrylic Dispersion using HALOX® 570 LS

Grind		lb./100 gal.	Class
Water		3.08	
Methyl Carbitol		4.97	Solvent
Orotan 165	[1]	0.81	Dispersant
Triton CF-10	[1]	0.29	Surfactant
Drewplus TS-4380	[2]	0.28	Defoamer
Acrysol RM-8	[1]	0.60	Rheology Modifier
Bayferrox 130M	[3]	5.68	Pigment
Millicarb	[4]	17.29	Pigment
HALOX® 570 LS	[5]	0.94	Corrosion Inhibitor

High Speed Disperse to a 5+ N.S. Hegman grind.

Letdown			
Butyl Diglycol		3.64	Solvent
Maincote HG-54D	[1]	58.32	Resin
Texanol	[6]	1.49	Coalescent
Dibutyl Phthalate	[6]	1.49	Plasticizer
HALOX® FLASH-X® 150	[5]	0.50	Flash Rust Inhibitor
Drewplus T-4310	[2]	0.32	Defoamer
Ammonia Hydroxide		0.30	Amine

TOTAL	100.00
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FORMULA CONSTANTS

Weight Pigment (%)	23.91
Volume Pigment (%)	10.50
Weight Solids (%)	48096
Volume Solids (%)	35.21
PVC (%)	30.51
VOC (g/L)	296.22

FORMULA PROPERTIES

Density	1265.09 g/L
pH @ 25°C	9.0-9.5
Viscosity - Stormer (KU) @ 25°C	90-95

SUPPLIER KEY

- [1] The Dow Chemical Company
- [2] Ashland Nederlands BV, Drew Ameroid GmbH
- [3] Lanxess
- [4] OMYA GmbH
- [5] ICL Advanced Additives
- [6] Eastman Chemie Company

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

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