



Formulation

Light Grey Waterborne Acrylic Primer using HALOX 430

<u>GRIND</u>		<u>%Wt/Wt.</u>	
Water		8.04	
Hydropalat 3204	[1]	0.60	Dispersant
Ammonia (28%)		0.10	Amine
Orotan 165	[2]	0.81	Dispersant
Dehydran 1620	[1]	0.10	Defoamer
Arcosolv DPM	[3]	2.01	Solvent
Tioxide TR-92	[4]	10.55	Pigment
Bayferrox 318M	[5]	1.01	Pigment
HALOX 430		5.03	A.C. Pigment
Micro Talc AT 1	[6]	4.02	Filler
Aerosil R-972	[7]	0.30	Rheology Modifier

High speed disperse to a 5+ NS Hegman grind.

LETDOWN

Maincote HG-86ER	[2]	58.69	Resin
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Add above grind under good agitation

Arcosolv DPnB	[3]	4.32	Solvent
Water		2.82	
Texanol	[8]	0.50	Coalescent
Surfynol 104E	[9]	0.20	Surfactant
HALOX FLASH-X 150		0.50	Flash Rust Inhibitor
BYK-023	[10]	0.05	Defoamer
Acrysol SCT-275	[2]	0.35	Rheology Modifier

TOTAL		100.00	
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FORMULA CONSTANTS

% Pigment/Wt.	20.90
% Pigment/Vol.	7.62
% Solids/Wt.	47.25
% Solids/Vol.	36.69
% PVC	21.14
VOC g/L	184.77

FORMULA PROPERTIES

Density	1181.72 g/L
pH @ 25°C	8.5-9.0
Stormer Viscosity @ 25°C	90-95 KU
ICI Viscosity @ 25°C	0.40-0.60 poise

SUPPLIER KEY

[1]	Cognis Corporation
[2]	Rohm and Haas Deutschland GmbH
[3]	Lyondell Chemical Company
[4]	Huntsman Tioxide
[5]	Bayer AG
[6]	Norwegian Talc, Ltd.
[7]	Degussa Corporation
[8]	Eastman Chemie Company
[9]	Air Products & Chemicals, Inc.
[10]	BYK - Chemie GmbH

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.

HG86/430E

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