Formulation

White Self-Crosslinking Styrene Acrylic DTM Primer using HALOX 515

GRIND		%Wt/Wt.	
Water		7.50	
Sokalan PA 40 Dispersant	[1]	0.26	Dispersant
Acronal S 760	[1]	16.64	Resin
Mineral Spirits		1.14	Solvent
BYK-022	[2]	0.35	Defoamer
Rheolate 300	[3]	0.44	Rheology Modifier
mix well and then add:			
325 mesh Wet Ground Mica	[4]	4.09	Pigment
Omyacarb 5	[5]	11.97	Pigment
Kronos 2101	[6]	15.47	Titanium Dioxide
High speed disperse to a 6+ NS Hegman grind.			
LETDOWN			
Dowanol DPnB	[7]	2.45	Solvent
Texanol	[8]	1.00	Coalescent
Acronal S 760	[1]	36.52	Resin
HALOX 515		2.00	Corrosion Inhibitor
BYK-024	[2]	0.17	Defoamer
TOTAL		100.00	

FORMULA CONSTANTS

%Pigment/Wt.	31.53
%Pigment/Vol.	12.81
%Solids/Wt.	59.23
%Solids/Vol.	45.66
%PVC	28.87
VOC g/L	120.28

FORMULA PROPERTIES

Density	1313.03 g/L
pH @ 25°C	9.0-9.5
Stormer Viscosity @ 25°C	70-80 KU
ICI Viscosity @ 25°C	1.00-1.50 poise

SUPPLIER KEY

[1] BASF Corporation
[2] BYK - Chemie GmbH
[3] Elementis Specialties
[4] Oglebay Norton Specialty Minerals, Inc.
[5] OMYA GmbH
[6] KRONOS, Europe
[7] The Dow Chemical Company
[8] Eastman Chemie Company

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