



Formulation

Waterborne Acrylic/Epoxy Hybrid Primer using HALOX SZP-391

		<u>LBS</u>	<u>GALS</u>
Water		80.00	9.59
Arcosolv DPNB	[1]	10.00	1.32
Nuosperse W-22	[2]	15.00	1.70
Triton CF-10	[3]	2.18	0.24
Dehydran 1620	[4]	1.50	0.19
RO-4097 Kroma Red	[5]	59.86	1.46
HALOX SZP-391	[6]	54.50	2.02
Atomite	[7]	182.87	8.12
Ammonia Hydroxide (28%)		3.00	0.40

High speed disperse to 5+ NS Hegman grind.

LETDOWN

NeoCryl A 6109	[8]	476.48	55.43
----------------	-----	--------	-------

Drop the above grind into the letdown with good mixing:

Texanol	[9]	10.00	1.26
Water		137.30	16.45
Optiflo L100	[10]	5.00	0.58
Optiflo H600	[10]	6.00	0.69
HALOX FLASH-X 150	[6]	5.22	0.56

TOTAL		1,048.91	100.00
--------------	--	----------	--------

Formula Constants

Density (lb/gal)	10.49
Density (g/L)	1257.07
Weight Pigment (%)	28.34
Volume Pigment (%)	11.60
Weight Solids (%)	48.14
Volume Solids (%)	34.38
PVC (%)	35.03
VOC (lb/gal)	1.25
VOC (g/L)	150.07

Formula Properties

pH @ 25°C	8.5 - 9.5
Viscosity - Stormer (KU) @ 25°C	85 - 90
Viscosity - ICI (Poise) @ 25°C	.5 - .7

Supplier Key

- [1] Lyondell Chemical Company
- [2] Elementis Specialties, Inc.
- [3] The Dow Chemical Company
- [4] Cognis Corporation
- [5] Elementis Pigments Inc.
- [6] HALOX
- [7] IMERYS
- [8] DSM Neo Resins
- [9] Eastman Chemical Company
- [10] Sud - Chemie Group

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.



**Waterborne Acrylic/Epoxy Hybrid Primer
using 5% HALOX SZP-391 and 0.5% Flash-X 150
168 Hours Salt Spray - Cold Rolled Steel - 2 mils**



Blank



**5% HALOX SZP-391
.5% Flash-X 150**