



# Formulation

Clear Lacquer Based on NeoCryl XK-98 using  
HALOX SZP-391 JM and HALOX 550 WF

		<u>% Wt</u>	<u>Class</u>
NeoCryl XK-98	[1]	88.97	Resin
Butyl Carbitol		1.97	Solvent
Dehydran 1620	[2]	1.60	Defoamer
HALOX 550 WF	[3]	2.92	Inhibitor
HALOX SZP-391 JM		2.92	Inhibitor
<i>Premix the next 2 ingredients before adding.</i>			
De-Ionized Water		0.75	
Viscoatex 730	[4]	0.38	Thickener
<i>Premix the next 2 ingredients before adding.</i>			
Borchi Gel L 75 N	[5]	0.24	Thickener
De-Ionized Water		0.24	
<i>Adjust pH to 8.5 with ammonia.</i>			
TOTAL		100.00	

### Formula Constants

Density (g/L)	1053.80
Weight Pigment (%)	2.92
Volume Pigment (%)	0.93
Weight Solids (%)	45.58
Volume Solids (%)	42.76
PVC (%)	2.38
VOC (g/L)	29.83

### Formula Properties

pH @ 25°C	8.0 - 8.5
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### Supplier Key

- [1] DSM NeoResins
- [2] Cognis Corporation
- [3] HALOX
- [4] Coatex
- [5] Borchers (A Bayer Company)

*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.*



## Salt Spray – Cold Roll Steel – 24 hrs – 1.7 mils (43 $\mu\text{m}$ )



**Blank  
Control**



**SrCrO<sub>4</sub>**



**3% 550 WF  
3% 391 JM**



**3% 550  
3% 391 JM**



**3% 391 JM**



# Salt Spray – Cold Roll Steel – 24 hrs – 1.6 mils (40 $\mu\text{m}$ )



**Blank  
Control**



**$\text{Na}_2\text{Cr}_2\text{O}_7$**



**3% 550 WF  
3% 391 JM**



**3% 550  
3% 391 JM**



**3% 391 JM**



# Salt Spray – Hot Dip Galvanized – 144 hrs – 0.2 mils (5 $\mu\text{m}$ )



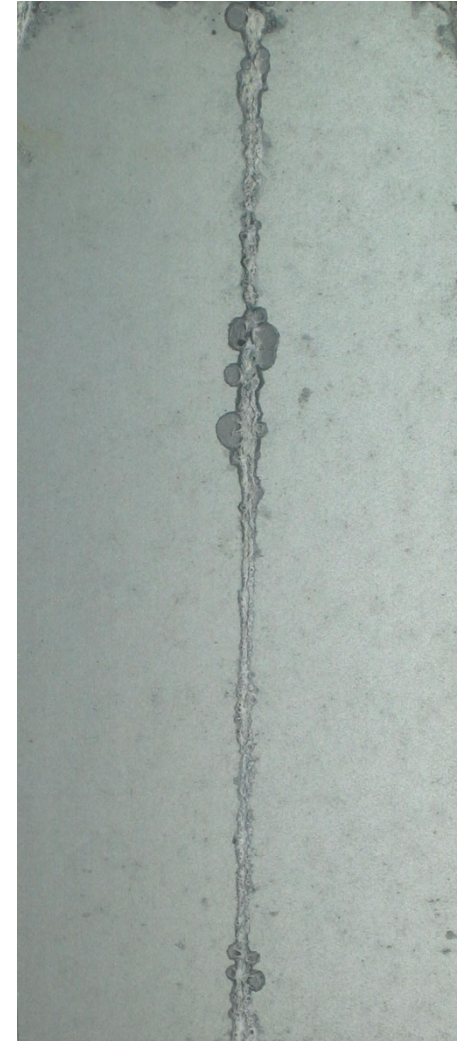
**Blank**



**$\text{SrCrO}_4$**



**3% 550**



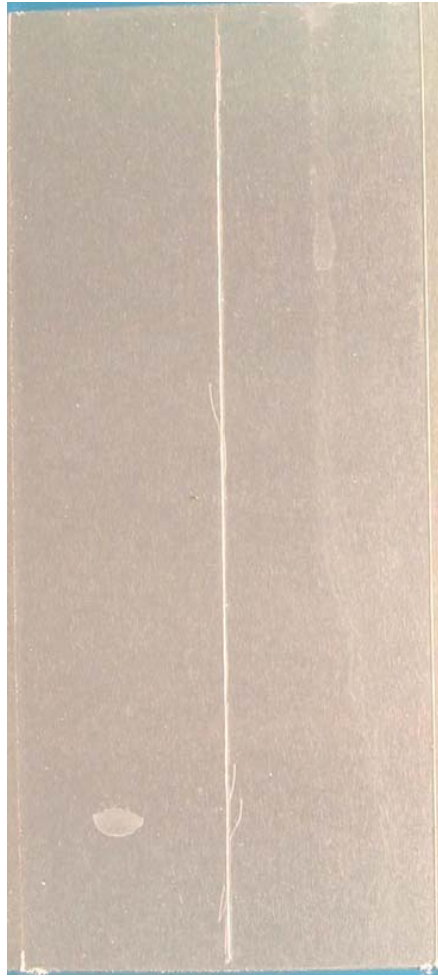
**3% 550 WF**



**Salt Spray – Aluminum 3003 – 1000 hrs – 1.0 mil (25  $\mu\text{m}$ )**



**Blank**



**SrCrO<sub>4</sub>**



**3% 550**



**3% 550 WF**