

Starting Formulation

SF 1812

Low Sheen Gray Primer

EPI-REZ™ Resin 5522-WY-55 / EPIKURE™ Curing Agent 8290-Y-60

Formula	<u>Material</u>	<u>Supplier</u>	<u>Pounds</u>	<u>Gallons</u>
Part A				
	EPI-REZ Resin 5522-WY-55	Hexion	522.1	58.34
	DI Water		<u>69.4</u>	<u>8.33</u>
	Total Part A		591.5	66.67
Part B				
	EPIKURE Curing Agent 8290-Y-60	Hexion	82.1	9.30
	Kronos 2020	Kronos, Inc.	191.0	5.58
	SP Black 4 Powder	Degussa, Inc.	.3	.02
	Patcote 847 Defoamer	Hydrite Chemical Co.	2.0	.28
	DI Water		25.0	3.00
	<i>High Speed Disperse to 7-8 Hegman, reduce speed and add</i>			
	DI Water		<u>126.2</u>	<u>15.15</u>
	Total Part B		426.6	33.33
	Total Part A & B		1,018.1	100.00

Mixing Instructions

	<u>Pounds</u>	<u>Gallons</u>
Part A	591.5	66.67
Part B	<u>426.6</u>	<u>33.33</u>
Part A + B	1,018.1	100.00

Resin Composition

	<u>Units</u>	<u>Value</u>
Part A	% solids	85.0
Part B	% solids	<u>15.0</u>
Part A + B	% solids	100.0

Typical Formulation Table 1 / Formulation Properties Properties

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	<u>Units</u>	<u>Value</u>
Mix Ratio, Part A: Part B	By volume	2 : 1
Total weight solids	%	51.1
Total volume solids	%	39.5
Pigment volume concentration (PVC)	%	14.2
Volatile Organic Compound (VOC)	lb/gal	1.51
	g/L	181
Induction Time	min.	30
Viscosity @ 25°C		
Part A	KU	48
Part B	KU	76
Parts A and B	KU	62
Reduction for Conventional Spray (by volume to 55 K.U.)		
Parts A and B	parts	11
Water	parts	1

Storage Recommendations regarding storage conditions can be obtained by visiting our web site at www.hexion.com

General Information

These are starting formulations and are not proven in the user's particular application but are simply meant to demonstrate the efficacy of the products and to assist in the development of the user's own formulation. It is the user's responsibility to fully-test and qualify the formulation, along with the ingredients, methods, applications or equipment identified herein ("Information"), by the user's knowledgeable formulator or scientist, and to determine the appropriate use conditions and legal restrictions, prior to use of any Information.

Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

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Contact Information

For product prices, availability, or order placement, please contact customer service:

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For literature and technical assistance, visit our website at www.hexion.com

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