

Starting Formulation

SF 1615

Masonry Block Fill

EPI-REZ™ Resin 3520-WY-55 / EPIKURE™ Curing Agent 8536-MY-60

Formula	<u>Material</u>	<u>Supplier</u>	<u>Pounds</u>	<u>Gallons</u>
Part A				
	2-Propoxyethanol		11.6	1.50
	Triton X-100 Surfactant	Dow Chemical Co	3.5	0.39
	Tamol 731 (25% N.V.) Surfactant	Rohm & Haas Co.	3.5	0.38
	Colloid 640 Defoamer	Rhodia	4.0	0.50
	Rutile Titanium Dioxide		50.0	1.46
	Atomite Calcium Carbonate	Thompson Weinman	100.0	4.44
	Water		50.0	6.00
<i>Mix at high speed 10 minutes; then add and mix 3 minutes</i>				
	Short Stuff Polyethylene Fibers	Mini Fibers, Inc.	7.0	0.93
<i>Add under reduced speed</i>				
	Water		48.6	5.83
	EPI-REZ Resin 3520-WY-55	Hexion	<u>260.0</u>	<u>28.57</u>
		Total Part A	538.2	50.00
Part B				
	EPIKURE Curing Agent 8536-MY-60	Hexion	124.5	15.00
	ASP 170 Aluminum Silicate	Englehard Minerals and Chemicals Co.	50.0	2.38
	325 Mesh Water Ground Mica	Franklin Minerals Inc.	100.0	4.24
	Water		166.0	20.00
<i>Mix at high speed 10 minutes; then add and mix 3 minutes</i>				
	Short Stuff Polyethylene Fibers	Mini Fibers, Inc.	1.0	0.13
	Water		<u>22.4</u>	<u>2.69</u>
		Total Part B	588.9	50.00
		Total Part A & B	1,127.1	100.0

Mixing Instructions

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	<u>Pounds</u>	<u>Gallons</u>
Part A	538.2	50.00
Part B	<u>588.9</u>	<u>50.00</u>
Part A + B	1,127.1	100.0

Resin Composition	<u>Units</u>	<u>Value</u>
Part A	% solids	65.7
Part B	% solids	<u>34.3</u>
Part A + B	% solids	100.0

Caution: Although this coating will maintain a workable viscosity for 7 to 10 days, it is advisable to discard the material eight hours after the two components have been blended. Beyond eight hours, film hardness is adversely affected.

Typical Formulation Table 1 / Formulation Properties Properties

	<u>Units</u>	<u>Value</u>
Mix ratio Part A: Part B	By volume	1 : 1
	By weight	0.91 : 1.0
Total weight solids	%	41.7
Total volume solids	%	57.7
Pigment volume concentration (PVC)	%	45.6
Volatile Organic Compound (VOC)	lb/gal	1.60
	g/L	192
Pot life	hrs	8
Application	Brush and Roller	
Viscosity @ 25°C		
Part A	KU	97
Part B	KU	>141
Part A + B	KU	131

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.

Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) for these and all other products being used are understood by all persons who will work with them. Questions and requests for information on Hexion Inc. ("Hexion") products should be directed to your Hexion sales representative, or the nearest Hexion sales office.

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Contact Information

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

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