

Starting Formulation

SF 1203

Low Temperature Cure, Chemically Resistant Gloss White Enamel EPON™ Resin 161 / EPIKURE™ Curing Agent 3292-FX-60

- Features
- Combining ratio of 2:1 by volume
 - Rapid cure for low temperature applications
 - Very good chemical resistance
 - VOC* level of 2.79 lb/gal (335 g/l)

Formula	Material	Supplier	Pounds	Gallons
Part A				
	EPON Resin 161	Hexion	248.5	25.10
	Anti-Terra U Dispersant	BYK-Chemie USA	5.0	0.59
	Beetle® U216-8	Cytec Industries	5.0	0.64
	Thixatrol ST	Elementis Specialties Co.	8.0	1.00
<i>Mix thoroughly, then add</i>				
	R-960 Titanium Dioxide	DuPont Chemical Company	280.0	8.67
	Barytes Barium Sulfate	Harcoros Pigments Inc.	242.0	6.59
	WCD 399 Talc Magnesium Silicate	Whittaker, Clark & Daniels Company	50.0	2.22
<i>High speed disperse to a texture of 7 Hegman. Reduce speed, then add</i>				
	Toluene		23.0	3.19
	Xylene		57.7	8.01
	SilQuest A-1 87	Momentive Performance Materials	5.8	0.65
	Butyl OXITOL® Glycol Ether	Shell Chemical Company	23.0	3.07
	Ektasolve EP 2-Propoxyethanol	Eastman Chemical Company	<u>57.7</u>	<u>6.93</u>
	Total Part A		1005.7	66.66
Part B				
	EPIKURE Curing Agent 3292-FX-60	Hexion	<u>283.3</u>	<u>33.34</u>
	Total Part B		283.3	33.34
	Total Part A & B		1289.0	100.00

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Mixing Instructions

	<u>Pounds</u>	<u>Gallons</u>
Part A	1005.7	66.66
Part B	<u>283.3</u>	<u>33.34</u>
Part A + B	1289.0	100.00

Typical Formulation Table 1 / Formulation Properties Properties

	<u>Units</u>	<u>Value</u>
Mix ratio Part A : Part B	By volume	2 : 1
	By weight	3.54 : 1
Total weight solids	%	78.3
Total volume solids	%	63.7
Volatile Organic Compound (VOC)	lb/gal	2.79
	g/L	335
Induction Time	min.	30
Viscosity @ 25°C		
Part A + Part B	KU	88

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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