

Starting Formulation

SF 1008

Gray Enamel

EPON™ Resin 1001-CX-75 / EPIKURE™ Curing Agent 3100-XY-60

Formula	Material	Supplier	Pounds	Gallons
Part A				
	Ti Pure R-960	Du Pont Company	100.0	2.86
	Lampblack		3.0	0.20
	Imperial Anti-Flooding (IAF) Compound X-2280	RLM Industries, Inc.	4.0	0.18
	EPON Resin 1001-CX-75	Westlake Epoxy	224.0	25.00
	Beetle U216-8 Urea Formaldehyde Resin	Cytec Industries	12.9	1.50
	Diacetone Alcohol	Shell Chemical Company	78.0	10.00
	Butyl OXITOL™ Glycol Ether	Shell Chemical Company	37.5	5.00
	Xylene		<u>37.8</u>	<u>5.26</u>
	Steel Ball Mill to grind Hegman 7-8			
	Total Part A		497.2	50.00
Part B				
	EPIKURE Curing Agent 3100-XY-60	Westlake Epoxy	281.0	36.00
	Xylene		28.8	4.00
	Butyl OXITOL™ Glycol Ether	Shell Chemical Company	<u>75.0</u>	<u>10.00</u>
	Total Part B		384.8	50.00
	Total Part A & B		882.0	100.00

Mixing Instructions

	Pounds	Gallons
Part A	497.2	50.00
Part B	<u>384.8</u>	<u>50.00</u>
Part A + B	882.0	100.00

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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	1.29:1.0
Nonvolatile content by weight	%	43.4
Weight per gallon	lb./gal.	8.82
Total weight solids	%	51.1
Pigment volume concentration (PVC)	%	7.5
Volatile Organic Compound (VOC)	lb/gal	4.30
	g/L	517
Viscosity @ 25°C		
Part A	KU	61
Part B	KU	62
Part A & B	KU	62

Storage Recommendations regarding storage conditions can be obtained by visiting our web site at www.westlakeepoxy.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 Westlake Epoxy products should be directed to your Westlake Epoxy sales representative, or the nearest Westlake Epoxy sales office. Information and MSDSs on non-Westlake Epoxy products should be obtained from the respective manufacturer.

Contact Information

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

www.westlakeepoxy.com/Contacts/

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

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