

## Starting Formulation

SF 1017

Gloss Gray Enamel

EPON™ Resin 1001-Y-75 / EPIKURE™ Curing Agent 3115-E-73

Formula	Material	Supplier	Pounds	Gallons
Part A				
	Ti-Pure™ R-960	Du Pont Company	100.0	3.03
	Lampblack		3.0	0.20
	X-2280 IAF Compound, Anti-flooding Agent	RLM Industries Inc.	4.0	0.18
	Bentone™ 38 Thixotrope	Elementis Specialties Inc.	14.0	0.91
	EPON Resin 1001-Y-75	Westlake Epoxy	305.0	33.00
	High Speed disperses to grind Hegman 7-8			
	Beetle™ U216-8 Urea Formaldehyde Resin	Cytec Industries	17.0	2.00
	2-Propoxyethanol		23.3	3.00
	Cyclohexanone		63.0	8.00
	Diacetone Alcohol	Shell Chemical Co.	35.2	4.50
	n-Butyl Alcohol	Shell Chemical Co.	<u>80.0</u>	<u>11.85</u>
	Total Part A		644.5	66.67
Part B				
	EPKURE Curing Agent 3115-E-73	Westlake Epoxy	168.0	21.90
	Xylol		14.4	2.00
	Ethyl Benzene		25.4	3.50
	Isopropyl Alcohol	Shell Chemical Co.	<u>39.0</u>	<u>5.93</u>
	Total Part B		246.8	33.33
	Total Part A & B		891.3	100.00

### Mixing Instructions

	Pounds	Gallons
Part A	644.5	66.67
Part B	<u>246.8</u>	<u>33.33</u>
Part A + B	891.3	100.00

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## Resin Composition

	<u>Units</u>	<u>Value</u>
Part A	% Solids	65
Part B	% Solids	<u>35</u>
Part A + B	% Solids	100

## Typical Formulation Table 1 / Formulation Properties Properties

Application	Brush or Spray	
Cured Schedule	Room Temperature	
	<u>Units</u>	<u>Value</u>
Mix ratio Part A : Part B	By volume	2 : 1
	By weight	2.61:1.0
Nonvolatile content by weight	%	45.7
Weight per gallon	lb./gal.	8.91
Total weight solids	%	54.3
Pigment volume concentration (PVC)	%	7.8
Volatile Organic Compound (VOC)	lb/gal	4.07
	g/L	488
Viscosity @ 25°C		
Part A	KU	63
Part B	KU	58
Part A & B	KU	63

**Storage** Recommendations regarding storage conditions can be obtained by visiting our web site at [www.westlakeepoxy.com](http://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.

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Contact Information

For product prices, availability, or order placement, please contact customer service:  
[www.westlakeepoxy.com/Contacts/](http://www.westlakeepoxy.com/Contacts/)

For literature and technical assistance, visit our website at [www.westlakeepoxy.com](http://www.westlakeepoxy.com)

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