

Starting Formulation 1807

Re-Issued June 2007

Waterborne Red Iron Oxide Primer

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

| Formula Material | Supplier | Pounds | Gallons |
|--|----------------------------------|----------------|---------------|
| Part A | | | |
| EPI-REZ Resin 5522-WY-55 | Momentive Specialty Chemicals | 330.0 | 37.21 |
| Diacetone Alcohol | Shell Chemical Co. | 7.0 | .89 |
| Colloid 640 Defoamer | Rhodia | 3.5 | .41 |
| Water | | 80.0 | 9.60 |
| RO-4097 Kroma Red | Elementis Pigments Co. | 100.0 | 2.45 |
| Sparmite | Harcros Pigments, Inc. | 100.0 | 2.73 |
| IOES Wollastokup | NYCO | 150.0 | 6.19 |
| Halox SW-111 | Halox Pigments | 50.0 | 2.10 |
| High Speed Disperse to a texture of 5-6 Hegman | | | |
| EPI-REZ Resin 5522-WY-55 | Momentive Specialty Chemicals | 147.0 | 16.43 |
| DI Water | | 16.6 | 1.99 |
| | Total Part A | 984.1 | 80.00 |
| Part B | | | |
| EPIKURE Curing Agent 8290-Y-60 | Momentive Specialty Chemicals | 60.0 | 1.32 |
| DI Water | | 11.0 | 5.00 |
| Zeeosphere Type 400 | 3M Specialty Materials | 100.0 | .43 |
| Water Ground Mica, 325 mesh | KMG Minerals, Inc. | 10.0 | 1.32 |
| High Speed Disperse to a texture of 4-5 Hegman | | | |
| DI Water | | 53.7 | 6.45 |
| | Total Part B | 234.7 | 20.00 |
| | Total Part A & B | 1,218.8 | 100.00 |

| Mixing Instructions | | Pounds | Gallons |
|----------------------------|--|---------------|----------------|
| Part A | | 984.1 | 80.00 |
| Part B | | 234.7 | 20.00 |
| Part A + B | | 1,218.8 | 100.00 |
| Resin Composition | | Units | Value |
| Part A | | % solids | 88.0 |
| Part B | | % solids | 12.0 |
| Part A + B | | % solids | 100.0 |

Typical Formulation Properties Table 1 / Formulation Properties

| | Units | Value | |
|------------------------------------|--------------|--------------|-----|
| Mix ratio Part A: Part B | By volume | 4 :1 | |
| | By weight | 4.19 : 1.0 | |
| Total weight solids | % | 66.3 | |
| Total volume solids | % | 49.8 | |
| Pigment volume concentration (PVC) | % | 38.0 | |
| Volatile Organic Compound (VOC) | lb/gal | 1.20 | |
| | g/L | 143.94 | |
| Induction Time | min. | 30 | |
| Viscosity @ 25°C | | | |
| | Part A | KU | 82 |
| | Part B | KU | 101 |
| | Part A + B | KU | 85 |

Storage Recommendations regarding storage conditions can be obtained by visiting our web site at www.momentive.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, call our toll-free customer service number at: 1-877-859-2800

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

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