

An Emerald Performance Materials Company

**EPALLOY™ 7192****Diglycidyl Ether of Bisphenol A****CAS NO. 25036-25-3****DESCRIPTION**

**EPALLOY 7192** is an unmodified, high molecular weight Bisphenol A based epoxy resin that is a semi-solid material at room temperature. It is particularly well suited for use in formulating durable high solids coatings, toughened adhesives, laminating resins, and prepreg molding compounds. As compared to lower molecular weight epoxy resins it will provide faster cure, improved adhesion, more durable cured systems and toughness, with somewhat reduced high temperature performance.

**EPALLOY 7192** is suitable for blending with most other epoxy resins but may not be compatible with all modifiers or additives. It will react with most standard curing agents such as aliphatic and cycloaliphatic amines, amine adducts, polyamides, and amidoamines. Certain curing agents will require a short induction time after mixing and before application in order to allow compatibilization and to prevent surface defects such as blushing in coatings.

It is recommended that **EPALLOY 7192** be heated to a temperature of approximately 150°F to facilitate handling, dispensing and mixing.

**APPLICATIONS**

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> High solids primer and coatings | <input type="checkbox"/> Adhesives  |
| <input type="checkbox"/> Chemical Resistant Coatings     | <input type="checkbox"/> Tooling    |
| <input type="checkbox"/> Molding and Casting Compounds   | <input type="checkbox"/> Laminating |
| <input type="checkbox"/> Concrete Dikes                  |                                     |
| <input type="checkbox"/> Steel Structures                |                                     |
| <input type="checkbox"/> Concrete Dikes                  |                                     |
| <input type="checkbox"/> Steel Structures                |                                     |
| <input type="checkbox"/> Rail Cars                       |                                     |

**TYPICAL PROPERTIES**

Appearance	Clear, Slight Amber Color
Viscosity @ 25°C, cps (70% Solids in Butyl Carbitol)	Gardner-Holdt, O—V
Epoxide Equivalent Weight, g/eq	230-280
Gardner Color, max	3
Weight per Gallon @ 25°C, lbs.	9.7

**HEALTH & SAFETY PRECAUTIONS**

**EPALLOY 7192** is not a primary skin irritant or sensitizer. However, as with any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening or a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Butyl rubber gloves, full eye protection and protective clothing are recommended.

Refer to **CVC Thermoset Specialties** Material Safety Data Sheet on **EPALLOY 7192** for additional safety & handling information. The MSDS is revised as new data becomes available.

**PACKAGING & AVAILABILITY**

**EPALLOY 7192** is available in 55 gal. non-returnable steel drums (net weight 500 lbs.) and 5 gal. plastic pails (45 lbs. net). Bulk shipments are available with adequate lead-time. Drum inventory is available at most CVC regional warehouses. Check with your local sales representative for the shipping location nearest you.



**EPALLOY™ 7192**

**An Emerald Performance Materials Company**

## **DISCLAIMER**

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained there from. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions, and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end product performance are the responsibility of the user. CVC Thermoset Specialties shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond CVC's direct control. **THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** Nothing contained herein is to be considered permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner. **IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.**

CVC Thermoset Specialties—844 N. Lenola Road/Moorestown, NJ 08057  
An Emerald Performance Materials Company

© Copyright 2006 Emerald Performance Materials LLC. 6/2006

**CVC Thermoset Specialties**

844 North Lenola Road / Moorestown, NJ 08057 / Phone: 856-533-3000 / Fax: 856-533-3003 / [www.emeraldmaterials.com](http://www.emeraldmaterials.com)