

An Emerald Performance Materials Company

EPALLOY™ 7190A83

Low Viscosity Modified Bisphenol A Resin

DESCRIPTION

EPALLOY 7190A83 is a non-BGE based, low viscosity resin blend of Bisphenol A epoxy and the glycidyl ether of a branched alcohol. Unlike aromatic modified resins, 7190A83 exhibits a lower modulus and is an excellent choice where brittleness is a problem. It is compatible with all standard curatives and most resin systems and solvents, but will tend to cure slower than undiluted resin.

EPALLOY 7190A83 is excellent for 100% solids floor coatings and trowelable floorings requiring room temperature cure. Unlike other diluted Bisphenol A based resin, EPALLOY 7190A83 will not crystallize and is much easier and safer to handle than BGE modified resins. It is especially well suited for interior applications where a low volatility resin, without objectionable odors, is required.

APPLICATIONS

- Epoxy Grouts and Crack Injection
- Chemical Resistant Coatings
- Primary Flooring Resin for Moderate Traffic Areas
- 100% Solids General Purpose Epoxy Coating

TYPICAL PROPERTIES

| | |
|-----------------------------------|--------------|
| Appearance | Clear, Clean |
| Viscosity @ 25°C, cps | 500 – 700 |
| Epoxide Equivalent Weight, g/eq | 185 – 198 |
| Gardner Color, max | 2 |
| Residual Epichlorohydrin, max ppm | 10 |
| Weight per Gallon, @ 25°C, lbs. | 10 |
| Flash Point, COC, °C (°F) | >250 (>482) |

HEALTH & SAFETY PRECAUTIONS

EPALLOY 7190A83 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 7190A83 for additional safety & handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

EPALLOY 7190A83 is available in 55 gal. non-returnable steel drums (net weight 475 lbs.) Bulk deliveries are not available. Drum inventory is available at most CVC regional warehouses. Check with your local sales representative for the shipping location nearest you.



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