CVC Thermoset Specialties

An Emerald Performance Materials Company

TECHNICAL BULLETIN

EPALLOY™ 7397PM55
Solid Bisphenol A Resin
55% Solution in Propylene Glycol Methyl Ether

DESCRIPTION

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EPALLOY 7397PM55 is a high molecular weight solid Bisphenol A resin supplied as a 55% solution in propylene glycol methyl ether (PM). Produced to very tight equivalent weight tolerances, this resin exhibits a narrow molecular weight range and is free of gels or other insoluble components sometimes found in high molecular weight solid resins.

Ideal applications include coil coating and top coats where adhesion, flexibility and impact resistance are critical requirements. EPALLOY 7397PM55 can be crosslinked with a variety of amine based curing agents as well as phenolic and methylol resins for baked cure. Use of PM as a solvent yields excellent dry times.

HEALTH & SAFETY PRECAUTIONS

EPALLOY 7397PM55 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 7397PM55 for additional safety & handling information. The MSDS is revised as new data becomes available.

APPLICATIONS

- ❑ Coil Coatings
- ❑ Baked Enamels
- ❑ Metal Primers

PACKAGING & AVAILABILITY

EPALLOY 7397PM55 is available in 55 gallon steel non-returnable drums (450 lbs. net) and 5-gallon plastic pails (45 lbs. net). Bulk deliveries are also available.

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity, 25°C, cps	5,000-12,000
Epoxide Equivalent Weight, g/eq	1,500-2 ,000
%Non Volatile	54 to 56%
Gardner Color, max	2
Residual Epichlorohydrin, max ppm	10
Weight per Gallon, @ 25°C, lbs.	8.6
Flash Point, Closed Cup, °C (°F)	31 (87)

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