

# EPALLOY® 8370

Epoxy Phenol Novolac Resin  
 Functionality 3.9  
 CAS No. 28064-14-4

## DESCRIPTION

EPALLOY 8370 is a 3.9 functional epoxy phenol novolac resin exhibiting lower viscosity than competitively available commercial alternatives. Close process controls produce a resin significantly lower in viscosity than other epoxy novolacs of similar functionality.

EPALLOY 8370 combines low hydrolyzable chloride content with good reactivity. It is compatible with all standard curing agents and most resin systems and solvents. Because of its lower functionality, EPALLOY 8370 is excellent for use in hot melt prepreg, filament winding, circuit boards, coating and casting applications where high performance at elevated temperature is required.

## APPLICATIONS

- High-temperature encapsulants/adhesives
- Conductive adhesives
- Prepregs and composites
- Chemical resistant coatings
- Viscosity modifier for epoxy novolacs
- Filament winding

## TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 72 °C, cps	15,000 – 25,000
Epoxide Equivalent Weight, g/eq	205 – 212
Gardner Color, max	3
Residual Epichlorohydrin, max ppm	10
Weight per Gallon, @ 25 °C, lbs.	10 ± 0.1
Flash Point, COC, °C (°F)	>250 (>482)

## PACKAGING & AVAILABILITY

EPALLOY 8370 is available in 55 gal. non-returnable steel drums (500 lb. net) and 5 gal. plastic pails (45 lb. 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.

## HEALTH & SAFETY PRECAUTIONS

EPALLOY 8370 is not a primary skin irritant or sensitizer. Like any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening to a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Rubber gloves, protective clothing and full eye protection are recommended.

Refer to the CVC Thermoset Specialties Material Safety Data Sheet on EPALLOY 8370 for additional safety and handling information. The MSDS is revised as new data becomes available.

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