

## HyPox™ RK84 and HyPox™ RK84L High Molecular Weight DGEBA Modified with a Liquid Rubber

### DESCRIPTION

**HyPox RK84** and **HyPox RK84L** are adducts of solid diglycidyl ether of Bisphenol A and a liquid rubber. Both products are solid resins, which impart toughness and a degree of flexibility to epoxy formulations. The formulator can expect improvements in impact resistance, peel and tensile shear strengths and low temperature properties with the incorporation of **HyPox RK84** or **HyPox RK84L**.

**HyPox RK84L** differs from **HyPox RK84** in that it is made to a narrower melt viscosity range.

### APPLICATIONS

- ☐ Adhesives
- ☐ Powder Coatings
- ☐ Laminating
- ☐ Reinforcements
- ☐ Solvent Based Coatings

### HEALTH & SAFETY PRECAUTIONS

**HyPox RK84** and **HyPox RK84L** are not primary skin irritants or sensitizers. However, as with any epoxy material, irritation can result from repeated or prolonged exposure. The symptoms of this irritation may appear as a mild 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 **HyPox RK84** and **HyPox RK84L** for additional safety and health information. The MSDS is revised as new data becomes available.

### PACKAGING AND AVAILABILITY

**HyPox RK84** and **HyPox RK84L** are available in plastic lined corrugated cardboard boxes (net weight 50 lbs.). Check with your local sales representative for the shipping location nearest you.

### STORAGE

In order to prevent sintering of pellets, store **HyPox RK84** and **HyPox RK84L** at temperatures below 75°F.

### TYPICAL PROPERTIES

	<u>HyPox RK84</u>	<u>HyPox RK84L</u>
Appearance	Opaque, Clean	Opaque, Clean
Epoxide Equivalent Weight, g/eq	1,200 – 1,800	1,250 – 1,500
Gardner Color, max	Amber	Amber
Weight per Gallon at 25°C, lbs.	9.3 ± 0.1	9.3 ± 0.1
Ring and Ball Softening Point, °C	85 - 105	n.a.
Melt Viscosity @100°C (Mpa-s)	n.a.	300-500



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**HyPox™ RK84 & HyPox™ RK84L**

## **DISCLAIMER**

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