

# Technical Data Sheet

## EPIKOTE™ Resin 144

### Product Description

EPIKOTE™ Resin 144 is a medium viscosity epoxy resin based on a blend of bisphenol F resin (produced from bisphenol F and epichlorohydrin) and a bisphenol A resin (produced from bisphenol A and epichlorohydrin).

The resin has a low volatility and is nearly inodorous, factors which are responsible for its agreeable handling characteristics.

### Application Areas/Suggested Uses

Medium viscous epoxy resin with a wide range of applications, especially for filled formulations. EPIKOTE™ Resin 144 shows no tendency for crystallization and is therefore preferably suitable for coatings, mastics and adhesives.

### Benefits

- Medium viscosity
- Crystallization-free
- Low odor
- Very good mechanical performance

### Sales Specifications

Property	Value	Unit	Test Method
Color	2	Gardner	ISO 4630
Epoxy Number	24.3 - 25.5	%	DIN 16945
Refractive Index at 25°C	1.574 - 1.578		DIN 51423
Viscosity at 25°C	3700 - 4700	mPa.s	DIN 16945

### Typical Properties

Property	Value	Unit	Test Method
Delivery Form	liquid		
Density at 20°C	1.16 - 1.18	kg/L	ISO 2811
Epoxy Equivalent	169 - 177	g/equivalent	DIN 16945

### Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

EPIKOTE™ Resin 144 should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed. Under these conditions the shelf life should be a minimum of three years from date of certification.

EPIKOTE Resin 144  
<https://www.hexion.com/en-US/product/epikote-resin-144>

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