Epitex 183E

Epoxy Ester

Epitex 183E is an oil modified epoxy resin supplied at 50% solids in a solvent combination designed to meet air pollution regulations. This is achieved based on control of photochemically reactive solvents ("Rule 66" Type). It is suggested for use in air-dry and forced-dry industrial applications. Those include rust inhibitive primers, zinc-rich primers, enamels, and clear coats. Epitex 183E is designed for optimum performance in a single package system.

Physical State
Liquid

Applications
- Corrosion Resistant Industrial Coating

Advantages
- Good Color
- Corrosion Resistance
- Water Resistance
- Stability with Reactive Pigments

Operating Data
1. Designed for brush, spray, and roller applications.
2. Reduce viscosity as needed for roll or spray.

Typical Properties

Viscosity (Gardner-Holdt)	**T - V**
Color (Gardner)	**8 max.**
Acid Value	**6 mg KOH/g max.**
Solids	**50 ± 2%**
Density	**7.80 ± 0.15 lb/gal**
Solvent	**51% VMP Naphtha**
	43% n-Butyl Acetate
	6% n-Butanol

Recommended Driers (Metal on resin solids)

Air Dry:		**Forced Dry:**	**0.01 – 0.04% Rare Earth Naphthenate Driers**
0.1% Zirconium			
0.04% Cobalt		**Baked Dry:**	**15% (on total solids) amino resin**

Caution
Avoid excess mixing and air introduction during blending with drier.

Shelf Life: 2 years in a sealed container at 77°F.

Precautions
Some materials in this product may cause skin and eye irritation and/or sensitization or other allergic responses upon repeated contact. Therefore, this product must be handled with extreme care and in strict adherence to good industrial practices. Before using it or any other product referred to in this bulletin, consult the applicable Safety Data Sheets for appropriate handling procedures and protective equipment.

Revision Date: Sept 1, 2026

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