



Epi-Tex[®] 199-E **OIL MODIFIED EPOXY RESIN (Standard & High Solids Versions)**

DESCRIPTION

Epi-Tex[®] 199-E Epoxy Ester is an oil modified epoxy resin supplied both at 60 and 70 percent solids in a solvent combination designed to meet air pollution regulations based on control of photochemically reactive solvents ("Rule 66" type). It is suggested for air-dry, brush and roll formulations for use over metal or masonry surfaces in primers, enamels, or clear topcoats. This resin offers the formulator an excellent cost/performance balance.

In air-dry formulations, a drier combination of 0.06 percent cobalt, 0.02 percent calcium and 0.1 percent zinc; or 0.6 percent cobalt and 0.1 percent zirconium of metal based on Epi-Tex[®] 199-E solids is suggested. For force-dried applications, a rare earth drier at 0.2 percent to 0.4 percent metal based on the amount of Epi-Tex[®] 199-E solids is suggested. Because of its sealing efficiency and alkali resistance, Epi-Tex[®] 199-E is often used as a sealer over masonry surfaces and as a first coat before applying PVA or acrylic latex paints. Reduction to 20 percent to 25 percent solids offers the best results for this application.

APPLICATIONS

Good Corrosion Resistance for Trade Sales, Concrete and Wood

PERFORMANCE HIGHLIGHTS

- Low Cost
- Naphtha tolerance
- Stability with leafing aluminums
- Alkali resistance
- Corrosion resistance

TYPICAL PROPERTIES

	STANDARD	HIGH SOLIDS
Viscosity (Gardner-Holdt)		
- Solution	Z-Z2	Z2-Z5
- Reduced 60—40% in Mineral Spirits	F-J	-----
- Reduced 70—50% in Aromatic 100	-----	G-M
Nonvolatile	60± 1%	70± 1%
Wt./Gal. (pounds)	7.6± 0.15	8.2± 0.15
Color	10	12
Acid Value	12	12
Solids (+/- 2)	60	70
Solvent	Mineral Spirits	Aromatic

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 hygiene practices. Before using it or any other product referred to in this bulletin, consult the applicable Material Safety Data Sheets for appropriate handling procedures and protective equipment.

THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, IS TO THE BEST OF OUR KNOWLEDGE TRUE AND ACCURATE. NO WARRANTY OR GUARANTEE EXPRESSED OR IMPLIED IS MADE REGARDING THE PERFORMANCE OF ANY PRODUCT, SINCE THE MANNER OF USE IS BEYOND OUR CONTROL. NO SUGGESTION FOR PRODUCT USE, NOR ANYTHING HEREIN, SHALL BE CONSTRUED AS A RECOMMENDATION FOR ITS USE IN INFRINGEMENT OF ANY EXISTING PATENT

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