

Epi-Tex[®] 183-E

OIL MODIFIED EPOXY RESIN

DESCRIPTION

Epi-Tex[®] 183-E Epoxy Ester is an oil modified epoxy resin supplied at 50 percent solids in a solvent combination designed to meet air pollution regulations based on control of photochemically reactive solvents ("Rul 66" type). It is suggested for use in air-dry and force-dried industrial and industrial maintenance applications. Those include rust inhibitive primers, zinc-rich primers, enamels and clear coats where optimum performance in a single package system is required.

In air-dry formulations, a drier combination of 0.1 percent zirconium, 0.2 percent manganese and 0.04 percent cobalt of metal based on Epi-Tex[®] 183-E Epoxy Ester solids is suggested. In force-dried applications, best results are obtained through the use of rare earth naphthenate driers at a level of 0.01 to 0.04 percent of metal based on Epi-Tex[®] 183-E solids. Epi-Tex[®] 183-E can also be modified with amino resins for baking applications. Levels of 15 to 30 percent of amino resin based on total solids are suggested.

APPLICATIONS

Corrosion Resistant Industrial Coating

TYPICAL PROPERTIES

Viscosity (Gardner-Holdt)

- Solution	T-V
- Reduced to 40% in xylene	G-J
Nonvolatile	50± 1%
Wt./Gal. (pounds)	7.8± 0.15
Color	8
Acid Value	2.5
Solids (+/- 2)	60
Solvent	36.2% VM&P Petroleum Naphtha
	22.8% n-butyl alcohol
	37.3% n-butyl alcohol
	3.7% xylene
Flash Point, Setaflash °F	55

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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