

Book on Epoxy Resins Technology

Description:

Book on Epoxy Resins Technology (Manufacturing Process, Synthesis, Epoxy Resin Adhesives and Epoxy Coatings)

Epoxy resin is a significant raw material to many end-use chemical compounds, where per molecule holds the capability of being converted to a useful thermosetting product. The major end-use markets for epoxy resins include electronics and paints & coatings, followed by adhesives, composites, wind turbines, and others.

The term epoxy has been widely adapted for many uses beyond its original use for fiber-reinforced polymer composites. Today, epoxy adhesives are sold in local hardware stores, and epoxy resin is used as the binder in countertops or coatings for floors. The myriad uses for epoxy continue to expand, and variants of epoxies are constantly being developed to fit the industries and products they are used in.

Here are some things that epoxy resin is used in:

- General-purpose adhesives
- Binder in cement and mortars
- Rigid foams
- Nonskid coatings
- Solidifying sandy surfaces in oil drilling
- Industrial coatings
- Potting and encapsulating media
- Fiber-reinforced plastics

For more details download PDF file.

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