The Complete Book on Resins (Alkyd, Amino, Phenolic, Polyurethane, Epoxy, Silicone, Acrylic), Paints, Varnishes, Pigments & Additives (Surface Coating Products with Formulae)(3rd Revised Edition)

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About the Book

Surface coating is the application of decorative or protective materials in liquid or powder form to substrates. These coatings normally include general solvent type paints, varnishes, lacquers, and water thinned paints. Surface coating involves different types of products for example paints, varnishes, resins, polyesters, pigments etc. Alkyd resin is complex oil modified polyester that serves as the film coating agent in some paints and clear coatings. Varnish is one of the important parts of surface coating industry. They are used as clear, transparent coatings or as vehicles for a wide variety of pigmented, opaque coatings for architectural and industrial purposes.

India’s strong economic growth has propelled the paint industry to double digit growth over the past few years and has made it Asia Pacific fastest growing paint market. The spurt in the economic growth over the past few years has caused a tremendous increase in the size of the industry. The field of surface coatings is now so extensive, and is developing rapidly.

This handbook covers all aspects of coating technology including composition, preparation, application, manufacturing process and photographs of plant & machinery with supplier’s contact details. The major contents of the book are oleoresinous media, varnishes: composition, manufacture & use, alkyd resin technology, manufacture of alkyd resins, polyesters, amino resins, phenolic resins, polyurethane resins, epoxy resins, silicone resins, acrylic solution resins, emulsion polymerization theory, emulsion polymers, water reducible resins, water soluble polymers, solvents, inorganic pigments, titanium dioxide pigments, organic pigments, paint driers and architectural paints etc.

It will be a standard reference book for professionals, entrepreneurs, food technologists, those studying and researching in this important area and others interested in the field of resins, paints, varnishes, pigments & additive industry.

Contents

Contents

Blocked Isocyanate Systems
Two-component Catalyst-cure Polyurethanes
11. EPOXY RESINS
Epoxide Group Content (ECG)
Curing Agents for Epoxy Resins
Principles in Formulating with Epoxy Resins
Solvent-based Coatings
Single-pack Thermoplastic Epoxy Systems

12. WATER DISPERSIBLE EPOXY COATINGS
Epoxy/Polyamide Emulsions
Water-dispersible Epoxy Resin Coatings for Electrodeposition
13. SILICONE RESINS
Preparation of Silicones
Polymerization
Methyl-and Phenyl-content
Blending Resins178
Preparation and Formulation of Silicone-Resin based Coatings
Application Guides
Applying the Coating
14. ACRYLIC SOLUTION RESINS
Backbone Monomers
Addition Polymerization
Copolymerization
Thermoplastic Acrylics
Thermosetting Acrylics
Acid Copolymers
15. EMULSION POLYMERIZATION THEORY
Polymerization in Emulsion Systems
16. EMULSION POLYMERS: MANUFACTURE AND TESTING
Process Variables
Delayed Addition Process
Alternative Processes
Surfactant Addition Techniques
Agitation
Surfactant Addition Techniques
Emulsion Testing
Ultracentrifugation
17. APPLICATIONS OF EMULSION POLYMERS
Architectural Applications
Examples of Decorative Paints
Industrial Applications
Adhesives Industry
Pressure Sensitive Uses

18. WATER-REDUCIBLE RESINS
Water-soluble Polymers
Acrylic-modified Water-soluble Alkyds
Silicone-modified Alkyds and Polyesters
Keeping the Epoxide Ring Available for Subsequent Cross-linking
Thermoplastic Polymers

faced with the dilemma of zeroing in on a suitable product/line.

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