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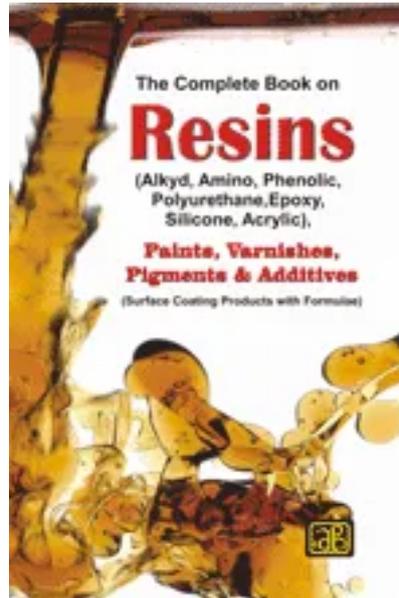
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The Complete Book on Resins (Alkyd, Amino, Phenolic, Polyurethane, Epoxy, Silicone, Acrylic), Paints, Varnishes, Pigments & Additives (Surface Coating Products with Formulae)(3rd Revised Edition)

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Description

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.

Content

Contents

1. THE PAST, PRESENT AND FUTURE OF THE SURFACE COATINGS INDUSTRY

2. OLEORESINOUS MEDIA

Industry Terminology

Ram Materials Used in Leoresinous Production
Finished Products Based on Oleoresinous Media
Manufacturing Equipment
Process Control Testing

3. VARNISHES: COMPOSITION, MANUFACTURE AND USE

Composition
Oils Used in varnishes
Gasproofing
Water and Alkali Resistance
Manufacture of Oleoresinous Varnishes
Varnishes Vs. Alkyds

4. ALKYD RESIN TECHNOLOGY

Raw Materials
Formulation of Alkyd Resins
Calculation of Alkyd Formulations
Calculation of Raw Materials for an Alkyd Prepared by the Monoglyceride Process
Typical Formulations (all quantities by mass)

5. MANUFACTURE OF ALKYD RESINS

Alcoholysis
Catalysts
Control of Alcoholysis
Fatty and Process
Comparison of Fusion and Azeotrope Processes
Raw Materials Handling
Alkyd Manufacturing Plant

6. POLYESTERS

Main Components of Unsaturated Polyesters
Functions of Initiators, Accelerators, Inhibitors
Effect of Structure on Properties of Cured Products
Polyester Coating Compositions

7. APPLICATIONS OF ALKYD RESINS

Very Long Oil Alkyds: 75 per cent and above
Long Oil Alkyds: 60 to 75 per cent

8 AMINO RESINS

Formation of Amino Resins
Urea Formaldehyde Resins
Melamine Formaldehyde Resins
Uses of Amino Resins
Water Based Coatings

9. PHENOLIC RESINS

Phenol-Formaldehyde Reactions

Oil Soluble 100 per cent Phenolic Resins

Baking Phenolics

10. POLYURETHANE RESINS

Tolylene Diisocyanate (TDI)

4, 4 Diphenylmethane Diisocyanate (MDI)

Other Diisocyanates Used in Coating Systems

Hydroxy Component

Hazards of Isocyanates

Classification of Polyurethanes

Moisture-cured Urethanes

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

Thermosetting Polymers

Melamine Formaldehydes

Other Water-soluble Polymers

Variation of Amine Levels

Drying Properties

Coupling Efficiency

Driers for Air Dry and Force Dry Systems

Cross-linking of Water-soluble Coatings

Trouble Shooting with Water-Soluble Polymers

19. WATER-SOLUBLE POLYMERS

Cellulose and its Derivatives

Flow Characteristics of Water Soluble Polymer Solutions

Thixotropy

Rheology

20. SOLVENTS

Evaporation Rate

Liquid/Liquid Boiling Equilibrium

Applications Technology

Evaporation from Polymer Film

Chemical Solvents

Nitrocellulose and Other Lacquers

Latex Paints

Solvent Control

Gas Chromatography

21. INORGANIC PIGMENTS

The Functions of a Pigment

Properties of Pigments

The Classification of Pigments

Properties of Inorganic Pigments

Lead Chromate

Chrome Oxide Pigments

Zinc Oxide

Zinc Sulfide Lithopone

Calcium Plumbate

Mixed Phase Pigments

22. TITANIUM DIOXIDE PIGMENTS

The Chloride Process

Applications of Titanium Pigments

Dispersion of Titanium Pigments

Gloss Development

23. ORGANIC PIGMENTS

Colour and Chemical Constitution

Azo-Condensation Pigments

Pigment Conditioning

Dyestuffs

Colour Index Classification

24. EXTENDER PIGMENTS

Particle Size and Shape

Particle Size Distribution

Types of Extender Pigment

China Clay (Kaolin)

25. PAINT DRIERS

Drier Recommendations

Stability of Drying Performance on Storage

Driers for Use in Water based Systems

26. PAINT ADDITIVES

Wetting and Dispersing Agents

Aluminium Soaps

Hydrogenated Castor Oil (Triglyceride of 12-hydroxy Stearic Acid)

Anti-skinning Agents

Anti-flood and Anti-float Additives

Recognizing Flooding and Floating

Identification of Mildew
Latex Paint Additives
Stabilizing Surfactants (Non-ionics)
Latex Thickening Agents
Coalescing Aids
27. MANUFACTURE OF PAINTS
28. ARCHITECTURAL PAINTS
Formulating Exterior Paints for Wood
Interior Paints for Plaster and Wallboard
Exterior Emulsion Paints for Masonry
Exterior Solution Type Paints for Masonry
Interior and Exterior Enamels
Enamels for Wood and Concrete Floors
29. INSIDE IMAGES OF A PAINT FACTORY
30. PHOTOGRAPHS OF PLANT & MACHINERY WITH
SUPPLIER'S CONTACT DETAILS

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