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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

Raw Materials Used in Oleoresinous 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 Acid 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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