

# **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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**Format:** paperback

**Code:** NI64

**Pages:** 632

**Price:** Rs.0US\$ 0

**Publisher:** NIIR PROJECT CONSULTANCY SERVICES

Usually ships within 5 days

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**

### **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 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 Resins<sup>178</sup>  
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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business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

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Fri, 09 May 2025 05:47:50 +0000