Dyestuff sector is one of the core chemical industries in India. There are two types of colorants dyes and pigments. Dyes are soluble substances used to pass color to the substrate and find applications primarily in textiles and leather. Pigments are coloring materials, which are water insoluble. Key end-user industries of pigments include wood-coloring, stone, textiles, paints & coatings, food and metals. Pigment are usually manufactured as dry colorants and grounded into fine powder. The dyes market, meanwhile, largely depends upon the fortunes of its principal end-user, textiles, which account for about 70 percent of the total demand. Their importance has grown in almost every area of an economic activity.

In the colorants market, Asia-Pacific accounts for the largest share. This region is one of the key markets for dyes and pigments production. In the Asia-Pacific, India and China are the important countries contributing towards the growth of colorants market. Rising consumer spending will drive increased demand for colorants in textiles. Increases in value demand will reflect the growing importance of expensive, higher value dyes and pigments that meet increasingly stringent performance standards. Growing demand for high-quality value-added pigments is one of the key factors expected to result in a spurt in growth.

This book describes the various formulae, manufacturing processes and photographs of plant & machinery with supplier’s contact details. The major contents of the book are metal pigments, black pigments, inorganic colour pigments, organic colour pigments, extender pigments, white pigments, photocatalytic activity of titanium dioxide pigment, azo pigments, bisazo pyridine pigments, high grade organic pigments, high temperature stable inorganic pigments, anti corrosive pigments, metals and metal ions in pigmentary systems, control of organic pigment dispersion properties, pigments for plastics, rubber & cosmetics, pigments for printing inks, vat dyes, reactive dyes, disperse dyes, direct dyes and sulphur dyes etc.

It will be a standard reference book for professionals, entrepreneurs, those studying and researching in this important area and others interested in the field of textile dyes & pigments.

Contents

1. Metal Pigments
   Aluminium Powder and Paste
   Zinc Powder Pigments
   Lead Powder and Paste
2. Black Pigments
   Carbon Black

3. Inorganic Colour Pigments
   Colour in Pigments
   Crystal Form and Shape
   Hiding Power and Opacity
   Tinting Strength
   General Characteristics
   Manufacture of Colour Pigments

4. Organic Colour Pigments
   Toners and Lakes
   General Characteristics
   Colour in Organic Materials
   Manufacture of Organic Pigments
   Spot Tests for Colour Pigments
   Commercial Pigments
   Lightfastness in Tints

5. Extender Pigments
   Type of Extenders

6. White Pigments
   General Comparison of White Pigments
   White lead Pigments

7. Photocatalytic Activity of Titanium Dioxide Pigment
   Experimental
   Pigment Samples
   Florida Exposure Series
   Statistical Procedures
   Results & Discussion
   Acrylic Paints
   Alkyd Paints
   Summary

8. Use of Flocculation Gradient in Determining the Efficiency of Titanium Dioxide Utilisation in Paint
   States of dispersion
   Flocculation
   Assessment of degree of flocculation
   Conclusion

9. Titanium Dioxide Pigments in Water-reducible and Water soluble vehicles
   Procedure of the evaluation
   Preliminary tests
   Results of the investigation
   Optical properties of TiO2 pigments
   Conclusions

10. Azo Pigments
    Red Pigments
Permanent Reds
The Pyrazolone Red
Yellow Pigments
Manufacture of azo pigments
Coupling Component
Coupling preparation
Diazotization
Preparation of Coupling component

11. Bisazo Pyridone Pigments
Experimental

12. Novel Gold Colours and Effects with Environmentally Safe-to-use Mica Pigments
New Golden Pearl Lustre Pigment
Gold Colours and Effects
Other Colours Shades

13. Fluorescent Pigments
Pigment Manufacture
Photostability of Fluorescent Pigments
Fluorescent Application
Phosphorescent Luminous Pigments
Properties and Characteristics
Pearl Luster Pigments

14. High Grade Organic Pigments
Azo Condensation
Vat Pigments and Related Compounds
Thioindigo Pigments
Immersion Processes
Perylene-Perinone pigments
Toning White Enamels
Phthalocyanine

15. Phthalocyanines
Methods for formation of pigments from crude
Acid pasting
Concentration of the sulfuric acid
Amounts of the sulfuric acid
Production of b-form pigment by salt grinding
Manufacture of metal free phthalocyanine
Phthalocyanine complexes from metals other than copper
Flocculation, flotation and flooding
Flotation
Application of phthalocyanine pigments
Phthalocyanine dyes of Textile materials
Phthalocyanine reactive dyes

16 High Temperature Stable Inorganic Pigments

17. New Metal Complex Pigments
Experimental
Metal complex formation
Results and Discussion

18. Latest Developments in Organic Pigments for Automotive Finishes
Violet
Advantages of using Mica Pearl

19. Preparation of Iron Oxide Pigment from Industrial Waste
Preparation of the pigment

20. Anti Corrosive Pigments
Electrochemical theory of Corrosion
Anticorrosive Pigments
Anti corrosive properties of Zinc Dust
Zinc Dust Pigmented coating
Corrosion mechanism
Good Inter coat Adhesion
Mechanism of Corrosion
Preparation of Anti corrosive Pigment Strontium Chromate
Synthetic Lamellar Iron Oxide: a New Pigment for Anti-corrosive Primers
The need for an improved barrier pigment
Comparisons with traditional iron oxides
Summary and general conclusions

21. An Overview of Aluminium Pigment Technologies
Colour and Sparkle
Distinctness of Image—DOI
Tint strength
Particle size distribution

22. Metals and Metal Ions in Pigmentary Systems

23 Control of Organic Pigment Dispersion Properties
Experimental
Results and Discussion

24 Advances in the Science and Technology of Pigments
Arylamide Azo Yellows
Azo Red Pigments
Heterocyclic Pigments
Metal Complex Pigments
Surfaces treatment
Environmentally safe chemistry
Novelty and profitability pressures

25 Pigments for Plastics, Rubber and Cosmetics
Selection of pigment
Colouring Techniques
Colouring Thermoplastics
Polyethylene
Vulcan Fast and Vulcan Pigments
26. Pigments for Printing Inks
   Fastness to Light
   Organic pigment for printing ink should offer

27. Vat Dyes
   Indigoid Dyes
   Indigo
   Thioindigoid Dyes
   Anthraquinone Vat Dyes
   Chemical Constitution of Quinone Vat Dyes
   The Reduction of Quinone Vat Dyes
   Vat Dye Dispersions
   Reducing Vat Dyes with Hydros
   Scheme 1
   Scheme 2
   Manufacture of Common Vat Dyes
   CI Vat Brown 1 CAS 2475-33-4
   CI Vat Yellow 2 CAS No. 129-09-9
   CI Vat Yellow 4 CAS No. 128-66-5
   CI Vat Orange 1 CAS No. 1324-11-4
   CI Vat Orange 15 CAS No. 128-70-1
   CI Vat Blue 20 CAS No. 116-71-2
   CI Vat Green 1 CAS No. 128-58-5
   Waste Streams of Vat Dye Manufacture

28. Reactive Dyes
   Nucleophilic Substitution Systems
   Trichloropyrimidine Dyes
   The Chloropyridazine Systems
   Quinoxaline Derivatives
   Chloroacetyl and Bromoacetyl Derivatives
   Vinylsulphone Dyes
   Acrylamide Dyes
   Evidence for Chemical Combination Cellulose
   Properties of Reactive Dyes
   Types of Reactive Dyes
   Reactive Dye Structure
   Properties

29. Disperse Dyes
   Azo Dyes
   Anthraquinone Disperse Dyes
   Miscellaneous Disperse Dyes
   Methine or Styryl Dyes
   Coumarin Dyes
   Formazine Dyes
   Chemical Constitutions of Disperse Dyes
   Disperse Dye Dispersions
   Fastness Properties of Disperse Dyes
   Manufacturing Process

30. Direct Dyes
Chemical Constitution of Direct Dyes
Major Types of Direct Dyes
Cationic Direct Dyes
Anionic Direct Dyes
Classification According to Dyeing Behaviour
Class A
Class B
Class C

31. Sulphur Dyes
Introduction
Properties of Sulphur Dyes
Sulphurised Vat Dyes
Ready-reduced and Solubilised Sulphur Dyes

32. Photographs of Plant & Machinery with Supplier’s Contact Details

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