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# SOME BOOKS ON PAINTS AND VARNISHES AND WOOD FINISHING

#### General

- 1. An introduction to the chemistry of paints, by J. A. N. Friend. Longmans, Green & Co., New York, 1910.
- 2. Rubber, resins, paints, and varnishes, by R. S. Morrell and A. de Waele. D. Van Nostrand Co., Inc., New York., 1921.
- 3. The chemistry of paints, pigments, and varnishes, by J. G. Bearn. D. Van Nostrand Co., Inc., New York, 1923.
- 4. The chemistry and manufacture of pigments and paints, by Klein and Aston. D. Van Nostrand Co., Inc., New York.
- 5. The problems of paint and varnish films, by H. H. Morgan. D. Van Nostrand Co., Inc., New York.
- 6. Colors and varnishes, by Chas. Coffignier. D. Van Nostrand Co., Inc., New York, 1925.
- 7. Industrial and artistic technology of paint and varnish, by A. H. Sabin. 3rd ed. rev. John Wiley & Sons, Inc., New York, 1927.
- 8. Red lead and how to use it in paint, by A. H. Sabin. 3rd ed. John Wiley & Sons, Inc., New York, 1920.
- 9. White lead: Its use in paint, by A. H. Sabin. John Wiley & Sons, Inc., New York, 1920.
- Materials for permanent painting, by Maximilian Toch.
   Van Nostrand Co., Inc., New York, 1911.

- 11. Paints and varnishes, by A. S. Jennings. Pitman Publishing Corp., New York, 1920.
- 12. Paint and varnish. U. S. Bur. of Standards Circ. 69. Government Printing Office, 1917.
- 13. Aluminum bronze powder and aluminum paint, by J. D. Edwards. 1st ed. 1927. Rev. ed. in preparation 1935. Rheinhold Publishing Corp., New York.
- 14. The chemistry and technology of paints, by Maximilian Toch. 3rd ed. D. Van Nostrand Co., Inc., N. Y., 1925.
- 15. Manual of painters' colors, oils, and varnishes. By G. H. Hurst. 1913. 6th ed. rev. by Noel Heaton. J. B. Lippincott Co., Philadelphia, 1922.
- 16. Outlines of paint technology, based on Hurst's (15), by Noel Heaton. J. B. Lippincott Co., Philadelphia, 1928.
- 17. The paint industry: Reminiscences and comments, by G. B. Heckel. Am. Paint Journal Co., St. Louis, 1931.
- 18. Glossary of the paint, varnish, and lacquer industry, by Donald Davidson. Trade Review Co., Chicago, 1927.
- 19. Dictionary of chemicals and raw materials used in the manufacture of paints, colors, varnishes, and allied materials, by G. H. Hurst. 2nd ed. D. Van Nostrand Co., Inc., New York, 1917. New ed. in prep., 1935.
- 20. Chemistry course for painters and decorators, by P. F. R. Venables and H. C. Utley. Pitman Publishing Corp., New York, 1933.
  - 1, 12, and 17 are of particular interest to the reader with no knowledge of chemistry; 2-6 are written from the standpoint of the chemist, 2 containing a good bibliography; 7-17 are of interest to technical men and general users of paint and varnish; 17 is a historical survey of the growth of the mixed pigment raint manufacturing industry in the United States.

- 21. The chemistry of linseed oil, by J.A. N. Friend. (Van Nostrand's Chem. monographs) D. Van Nostrand Co., Inc., New York, 1917.
- 22. The chemistry of drying oils, by R. S. Morrell and H. R. Wood. D. Van Nostrand Co., Inc., New York, 1925.
- 23. Chemical technology and analysis of oils, fats, and waxes, by J. I. Lewkowitch. 6th edition rev. G. H. Warburton, 3 V. Macmillan Co., New York, 1922-23.
- 24. Drying oils, boiled oil, and solid and liquid driers, by L. E. Andes. 2nd ed. rev. by H. B. Stocks. D. Van Nostrand Co., Inc., New York, 1917.
- 25. Production and treatment of vegetable oils, by T. W. Chalmers. D. Van Nostrand Co., Inc., New York, 1918.
- 26. Production and utilization of fats, fatty oils, and waxes in the U.S., by G.S. Jamieson. U.S. Dept. Agr. Bul. 1475. Gov. Printing Office, Wash., D.C., 1927.
- 27. Commercial oils, vegetable and animal, by I. F. Laucks. John Wiley & Sons, Inc., New York, 1919.
- 28. Catalysis in theory and practice, by E. K. Rideal and H. S. Taylor. 2nd ed. Macmillan & Co., New York, 1927. (page 149 et. seq.)
- 29. Solvents, by T. H. Durrans. 3rd ed. rev. (Monographs on applied chemistry, V. 4) D. Van Nostrand Co., Inc., New York, 1932.
- 30. Volatile solvents and thinners used in the paint and varnish industries, by Noel Heaton. D. Van Nostrand Co., Inc., New York, 1925.

21 is a brief description of the chemistry of linseed oil; 22 is a more detailed treatment of the subject; 23 is a standard authority on the chemistry of oils; 24-27 describe the industrial side of the subject; 28 is concerned with the process of drying of oils; 29 and 30 deal with the volatile solvents and thinners.

### Pigments

- 31. The lead and zinc pigments, by C. D. Holley. John Wiley Co., New York, 1909.
- 32. The manufacture of earth colors, by Josef Bersch, translated from 3rd German ed., by Charles Salter. D. Van Nostrand Company, Inc., New York, 1921.
- 33. Manufacture of lake pigments from artificial colours, by F. H. Jennison. 2nd ed. rev. D. Van Nostrand Co., Inc., New York, 1920.
- 34. Blacks and pitches, by H. M. Langton. D. Van Nostrand Co., Inc., New York, 1925.
- 35. Manufacture of lakes and precipitated pigments, by A. W. C. Harrison. Leonard Hill, Ltd., London, 1930.

  Also references 3-11, 13, 14, 39, 49, 55.

### Resins, Varnishes, and Lacquers

- 36. Natural varnish resins, by T. H. Barry. Ernest Benn, Ltd., London, 1932.
- 37. Chemistry of the natural and synthetic resins, by T. H. Barry, A. A. Drummond, and R. S. Morrell. D. Van Nostrand Co., Inc., New York, 1926.
- 38. Synthetic resins and their plastics, by Carleton Ellis, Chemical Catalog Co., New York, 1923.
- 39. Distillation of resins and the preparation of rosin products, resinates, lamp-black, printing inks, typewriting inks, etc.. by Victor Schweizer, translated from the German; 2nd English edition revised. by H. B. Stocks. D. Van Nostrand Co., Inc., New York, 1917.
- 40. Varnishes and their components, by R. S. Morrell. Oxford University Press, New York, 1924.

- 41. Varnishes: their chemistry and manufacture, by Charles Coffignier. Translated by A. H. J. Keane. D. Van Nostrand Co., Inc., New York, 1923.
- 42. Manufacture of varnishes and kindred industries based on and including the "Drying oils and varnishes" of Ach. Livache, by J. G. McIntosh. 3 V. D. Van Nostrand Co., Inc., New York, 1912. V 1, 3rd ed.; V 2, new ed. in preparation; V 3, 2nd ed.
- 43. German varnish making, by Max Bottler; auth. tr. with notes on American varnish and paint mfg., by A. H. Sabin. John Wiley & Sons, Inc., New York, 1912.
- 44. Varnish making, by T. H. Barry and G. W. Dunster. Leonard Hill, Ltd., London, 1934.
- 45. Cellulose ester varnishes, by Foster Sproxton. D. Van Nostrand Co., Inc., New York, 1925.
- 46. Pyroxylin enamels and lacquers, by S. P. Wilson, 2nd ed. D. Van Nostrand Co., Inc., New York, 1927.
- 47. Nitrocellulose ester lacquers: their composition, application, and uses, by Fritz Zimmer, tr. by H. K. Cameron. D. Van Nostrand Co., Inc., New York, 1934.
- 48. Survey of nitrocellulose lacquer, by B. K. Brown, and F. M. Crawford. Chem. Cat. Co., New York, 1928.
  Also references 2, 3, 5.7, 11, 12, 49, 55, 56, 58.

### Testing, Analysis, Specifications

- 49. Physical and chemical examination of paints, varnishes, lacquers, and colors, by H. A. Gardner. 6th ed. Institute of Paint and Varnish Research, Washington, D. C., 1933.
- 50. Paint researches and their practical applications, by H. A. Gardner. Institute of Paint and Varnish Research, Washington, D. C., 1917.

- 51. Paint technology and test, by H. A. Gardner. Mc-Graw-Hill Book Co., Inc., New York, 1911.
- 52. Bulletins and circulars of the Institute of Paint and Varnish Research, Washington, D. C., by H. A. Gardner and others. 1923.
- 53. North Dakota Agricultural Experiment Station Bulletins 67, 70, 81, 86, 92, and Special Bulletins 4, 6, 7, and 8. By E. F. Ladd, W. T. Pearce, and others. Fargo, North Dakota.
- 54. Office of the North Dakota State Food Commissioner and Chemist, Bulletins 29 and 38. By L. L. Carrick and C. S. Ladd.
- 55. The analysis of pigments, paints, and varnishes, by J. J. Fox and T. H. Bowels. D. Van Nostrand Co., Inc., New York, 1927.
- 56. Analysis of paint vehicles, japans, and varnishes, by C. D. Holley. John Wiley & Sons, Inc., New York, 1920.
- 57. Some technical methods of testing miscellaneous supplies including paints and paint materials, inks, lubricating oils, soaps, etc., by P. H. Walker. U. S. Dept. Agr. Bur. Chemistry Bul. 109, rev. Government Printing Office, Washington, D. C., 1910.
- 58. Analysis of resins, balsams, and gum resins, by Karl Dieterich; 2nd ed. rev. and enlarged by H. B. Stocks. D. Van Nostrand Co., Inc., New York, 1921.
- 59. Federal Specifications Board specifications. Listed in Federal Standard Stock Catalog, Sect. IV Federal specifications, Pt. 1 Index, Rev. to Sept. 1, 1934. Gov. Print. Off., Washington, D. C. 1934.
- 60. A. S. T. M. standards on preservative coatings for structural materials (paints, varnishes, lacquers,

and paint materials), by American Soc. for Testing Materials. Amer. Soc. for Testing Materials. Philadelphia, 1933. (Also bound in the back of No. 49).

50-53 include descriptions of exposure tests; 54-60 are concerned with methods of chemical analysis and evaluation; 59 and 60 give standard specifications.

## Application of Paint, Working Methods

- 61. Wood handbook, U. S. Dept. Agr. unnumbered publication. Gov. Print. Off., Washington, D. C., 1935.
- 62. Painting on the farm, by H. P. Holman. U. S. Dept. Agr. Farmers' Bul. 1452. Government Printing Office, Washington, D. C., 1925.
- 63. The handbook on painting. Natl. Lead Co., 111 Broadway, New York, 1935.
- 64. Commercial paints and painting, by A. S. Jennings. D. Van Nostrand Co., Inc., New York, 1914.
- 65. Painting by immersion and by compressed air, by A. S. Jennings. Spon and Chamberlain, New York, 1915.
- 66. House painting methods with the brush and spray gun, by F. N. Vanderwalker. Frederick J. Drake and Co., Chicago, 1930.
- 67. House painting, by A. H. Sabin. 4th ed. John Wiley & Sons, Inc., New York, 1929.
- 68. Expert house painter, by A. A. Kelly. 2nd ed. David McKay Co., Philadelphia, 1920.
- 69. Principles of mill and paintshop practice, by R. G. Waring. Bruce Pub. Co., Milwaukee, Wis., 1930.
- 70. Automobile painting, by H. R. Jeffrey. Manual Arts Press, Peoria, Ill., 1924.

- 71. Painting and decorating working methods, edited by F. N. Vanderwalker for the Internatl. Assn. of Master Painters and Decorators. 2nd ed. rev. Theo. Audel & Co., New York, 1922.
- 72. 1995 paint questions answered. Painters' Magazine, 12 Gold St., New York, 1923.
- 73. A dictionary of color, by A. Maerz and M. R. Paul. McGraw-Hill Book Co., Inc., New York, 1930.
- 74. Application of cellulose lacquers and enamels, by A. E. Robinson. Scott, Greenwood & Son, 1929.

## Wood Finishing

- 75. Problems of the finishing room, by W. K. Schmidt. 6th ed. Periodical Pub. Co., Grand Rapids, Mich., 1931.
- 76. Expert wood finisher, by A. A. Kelly. 3rd ed. David McKay Co., Philadelphia, 1922.
- 77. Wood finishing, by H. R. Jeffrey. Manual Arts Press, Peoria, Ill., 1924.
- 78. Up-to-date hardwood finisher, by F. T. Hodgson. Frederick J. Drake & Co., Chicago, 1904.
- 79. Coloring, finishing, and painting wood, by A. C. Newell. Manual Arts Press, Peoria, Ill., 1930.
- 80. Instructional units in woodfinishing, by R. A. Mc-Gee and A. G. Brown. 2nd ed. Bruce Pub. Co., Milwaukee, Wis., 1929.