

TECHNICAL NOTE NUMBER 195

FOREST PRODUCTS LABORATORY · U. S. FOREST SERVICE · MADISON, WISCONSIN

SOME BOOKS ON PAINTS AND VARNISHES AND WOOD FINISHING

General

1. An Introduction to the Chemistry of Paints. By J. N. Friend. Published by Longmans Green Co., New York, 1910.
2. Rubber, Resins, Paints, and Varnishes. By Morrell and de Waele. Published by D. van Nostrand Co., New York, 1920.
3. Industrial and Artistic Technology of Paint and Varnish. By A. H. Sabin. Published by John Wiley Co., New York, 1917.
4. Red Lead and How to Use It. By A. H. Sabin. Published by John Wiley Co., New York, 1920.
5. White Lead, Its Use in Paint. By A. H. Sabin. Published by John Wiley Co., New York, 1920.
6. The Chemistry and Technology of Paints. By Maximilian Toch. Published by D. van Nostrand Co., New York, 1916.
7. Materials for Permanent Painting. By Maximilian Toch.
8. Paints and Varnishes. By A. S. Jennings. Published 1919.
9. Manual of Painters Colors, Oils, and Varnishes. By Hurst and Heaton. Published by Charles Griffin and Co., London, 1922.

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10. Paint and Varnish. Bureau of Standards Circular 69.

1 is of particular interest to the reader with no knowledge of chemistry; 2 is written from the standpoint of the chemist and contains a good bibliography; 3-10 are of interest to technical men and general users of paint and varnish.

Oils

11. The Chemistry of Linseed Oil. By J. N. Friend. Published by Gurney and Jackson, London, 1917.
12. Chemical Technology of Oils, Fats, and Waxes. By J. Lewkowitch. Published by Macmillan and Co., New York, 1915.
13. Commercial Organic Analysis, vol. 9. By A. H. Allen. Published by P. Blakiston Co., Philadelphia, 1917.
14. Drying Oils, Boiled Oil, Solid and Liquid Driers. By Andes and Stocks. Published by Scott Greenwood Co., London, 1920.
15. The Production and Treatment of Vegetable Oils. By T. W. Chalmers. Published by Constable and Co., London, 1919.
16. Commercial Oils, Vegetable and Animal. By I. F. Laucks. Published by John Wiley Co., New York, 1919.
17. Catalysis in Theory and Practice. By Rideal and Taylor. Published by Macmillan and Co., New York, 1919.

11 is a brief discussion of the chemistry of linseed oil; 12 and 13 are the standard authorities on the chemistry of oils; 14-16 describe the industrial side of the subject; and 17 is concerned with the process of drying of oils.

Pigments

18. The Lead and Zinc Pigments. By C. D. Holley. Published by John Wiley Co., New York, 1909.
19. The Manufacture of Earth Colors. By Bersch and Salter. Published 1921.
20. The Manufacture of Lake Pigments. By F. H. Jennison. Published by Scott Greenwood Co., London, 1920.

Also references 3-9, 13, and 22.

Resins and Varnishes

21. Synthetic Resins. By Carleton Ellis. Published by Chemical Catalog Co., New York, 1923.
22. Distillation of Resins, Resinate Lakes, and Pigments. By Schweizer and Stocks. Published 1920.
23. Manufacture of Varnishes. By Livache and McIntosh. Published by Scott Greenwood Co., London, 1920.
24. German and American Varnish Making. By Bottler and Sabin. Published by John Wiley Co., New York, 1912.

Also references 2, 3, and 8-10.

Testing, analysis, specifications.

25. Paint Researches and their Practical Applications. By H. A. Gardner. Published by McGraw-Hill Co., New York, 1917.
26. Physical and Chemical Examination of Paints, Varnishes, and Colors. By H. A. Gardner. Published by Institute of Paint and Varnish Research, 1922.

27. Paint Technology and Tests. By H. A. Gardner. Published by McGraw-Hill Co., 1911.
28. Bulletins and Circulars of the Paint Manufacturers' Association. By H. A. Gardner and others.
29. North Dakota Agricultural Experiment Station Bulletins 67, 70, 81, 86, 92, and Special Bulletins 4, 6, 7, 8. By E. F. Ladd and others.
30. Analysis of Paint and Varnish Products. By C. D. Holley. Published by John Wiley Co., New York, 1912.
31. Analysis of Paint Vehicles, Japans and Varnishes. By C. D. Holley. Published by John Wiley Co., New York, 1920.
32. Some Technical Methods of Testing. By P. H. Walker. Published in Bureau of Chemistry Bulletin 109, 1916. (Also bound in back of No. 24.)
33. Analysis of Paints and Painting Materials. By Gardner and Schaeffer. 1911.
34. Analysis of Resins. By Dietrich and Stocks. 1920.
35. Bureau of Standards Circulars 82, 84, 85-91, 93, 94, 97, 98, 102-105, 111, 117. (Also bound in back of 26.)

Also references 12 and 13.

25-29 include descriptions of extensive exposure tests on paints and varnishes; 30-35 are concerned with methods of chemical analysis; 35 gives standard specifications for paints and painting materials.

Wood finishing

36. Commercial Paints and Painting. By A. S. Jennings. Published by Constable and Co., London, 1914.

37. Painting by Immersion and Compressed Air. By A. S. Jennings. Published by Spon and Chamberlain, New York, 1915.
38. House Painting. By A. H. Sabin. Published by John Wiley Co., New York, 1918.
39. The Expert House Painter. By A. A. Kelly. Published by Kelly Co., 1920.
40. Painting and Decorating, Working Methods. By F. N. Vanderwalker. Published by International Association of Master House Painters and Decorators. A. H. McGhan, 1513-11th Street, N. W., Washington, D. C., 1922.
41. 1995 Paint Questions Answered. Published by Painters' Magazine, 100 Williams Street, New York, 1919.
42. Problems of the Finishing Room. By W. K. Schmidt. Published by Periodical Publication Co., Grand Rapids, 1916.
43. Wood Finishing. By A. A. Kelly. Published by Kelly Co., 1912.
44. The Up-to-date Hardwood Finisher. By F. T. Hodgson. Published by Drake and Co., Chicago, 1915.
45. Automobile Painting. By F. N. Vanderwalker. Published by Drake and Co., Chicago, 1919.
46. The Ship Painters' Handbook. By Welch. 1916.
47. Use of Paint on the Farm. By P. H. Walker. Published by U. S. Department of Agriculture, Farmers' Bulletin 474.

36-47 are written for the practical man.