

July 11, 1932.

SPRAY PAINTING

The Bureau of Standards has made no investigation of the application of paint by spraying and consequently has no publications on this subject. However, it is known to be a practical and useful method of painting. The following references may be of interest:

(1) Gardner, H. A., A study of the practicability of spray painting, (Paper before convention in New York on Feb. 12, 1920, of Master Painters and Decorators of the United States & Canada).

(2) Gardner, H. A., Report of special committee on spray system of paint and varnish application, 35th Annual Convention, Atlantic City, Nov. 15-17, 1922, National Paint, Oil and Varnish Association.

(3) Gardner, H. A., Recent Developments of spray painting, Cir. 114 of Paint Manufacturers' Association of the United States.

(4) Jennings, A. Seymour, Painting by immersion and by compressed air (Spon & Chamberlain, New York).

(5) Report of Sub-Committee XXII (of Com. D-1, American Society for Testing Materials) on Method of application of paint by spraying, Proceedings of the American Society for Testing Materials, Part I, p. 384, 1922.

(6) Vanderwalker, N. F., Automobile painting, (F.J. Drake & Company, Chicago, Ill.)

(7) Experiments on spraying paint on hospital buildings, Cir. 208, Paint Manufacturers' Association of the United States.

(8) Heckel, G. B., The spray painting machine as an economical factor in the preservation and decoration of structures and products.

(9) Pickard, Glenn H., Brush vs. spray application of paint (West Paint Review), vol. 18, pp. 21-22, 1932.

Some of these can probably be consulted in any large library. References 4 and 6 are books. Papers 1, 2, 3, 5 and 7 may

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possibly be obtained by addressing Mr. H. A. Gardner, 2201 New York Avenue, N. W., Washington, D. C. Reference 8 can probably be obtained from Mr. G. B. Heckel, 901 Cunard Building, Philadelphia, Pa.

It is a matter of common knowledge that there are hazards, including health hazards, and explosion and fire hazards, attending improper use of paint spraying equipment. In this connection the following references may be of interest:

Safe Practices Pamphlet No. 91, Spray Coating, National Safety Council, 20 N. Wacker Drive, Chicago.

Spray Painting Report - An Investigation, National Safety Council, 20 N. Wacker Drive, Chicago.

Efficiencies of Respirators Filtering Lead Paint, Benzol, and Vitreous Enamel Spray, by S. H. Katz, E. G. Meiter, and F. H. Gibson, Bulletin No. 177, Public Health Service, Washington, D. C.

What are the Health Hazards of the Spray Coating Industry, Bulletin No. 536, Bureau of Labor Statistics, Department of Labor, Washington, D. C.

State Regulations Regarding Spray Painting, Monthly Labor Review, vol. 28, No. 5, pp. 944 to 957, May, 1929.

Pyroxylin Finishes - Their Use and Suggestion for Safeguarding the Attendant Hazards, National Fire Protection Association, 60 Battery March St., Boston, Mass.

Paint and Lacquer Spraying - Fire Record, National Fire Protection Assoc., 60 Battery March St., Boston, Mass.

Paint Spraying and Spray Booths, National Board of Fire Underwriters, 85 John St., New York City.

The National Electrical Code, Article 32 Hazardous Locations, National Board of Fire Underwriters, 85 John St., New York City.

Spray Painting in Pennsylvania, Pennsylvania Department of Labor and Industry, Harrisburg, Pa.

Regulations for Spray Coating, Pennsylvania Department of Labor and Industry, Harrisburg, Pa.

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Spray Painting Made Safe, L. C. Le Rosche, National Safety News, vol. 23, No. 5, pp. 23 to 24, May, 1931.

Spray Painting Hazard in the Home, Safety Engineering, vol. LV, No. 1, p. 34, January, 1928.

Hazards of Spray Coating Processes Investigated, by H. F. Smyth, Nation's Health, vol. 9, No. 5, p. 24, May 15, 1927.

The Prevalence and Distribution of Industrial Lead Poisoning, by Dr. Alice Hamilton, Journal of American Medical Assn., vol. 83, No. 8, p. 583, Aug. 23, 1924.

Review of Literature Dealing with Health Hazards in Spray Painting, National Research Council of Canada, Bulletin No. 15.

Descriptive matter on the design and use of tools and appliances for spray painting may no doubt be obtained from the manufacturers of these devices, and a partial list of such manufacturers, taken from the commercial catalog files of the Bureau of Standards, follows: (A very complete list of manufacturers can be found in "Thomas' Register of American Manufacturers", published by Thomas Publishing Company, 461 - 8th Avenue, New York City.)

Binks Manufacturing Co., 3124 Carroll Ave., Chicago, Ill.

De Vilbiss Co., 296 Phillips Avenue, Toledo, Ohio.

Eclipse Airbrush Co., Inc., 77 Orange St., Newark, N. J.

Eisler Electric Corp., 754 So. 13th St., Newark, N. J.

Electric Sprayit Co., 2020 East Colfax Ave., South Bend, Ind.

Eureka Spray Co., 8728 - 130th St., New York City.

Gould Pump, Inc., 75 Fall Street, Seneca Falls, N. Y.

H. D. Hudson Mfg. Co., 589 East Illinois St., Chicago, Ill.

Imperial Brass Mfg. Co., 1216 W. Harrison St., Chicago, Ill.

Kellogg Mfg. Co., 125 Humboldt Blvd., Rochester, N. Y.

Lipman Pump Works, Rockford, Ill.

Manley Mfg. Co., Bridgeport, Conn.

Mr. J. Edgar Hoover
Washington, D.C.

Dear Mr. Hoover:

I am writing to you regarding the matter of the...

As you know, the...

I am sure that you will find this information...

Very truly yours,
[Signature]

Enclosed for you are...

I am sure that you will find this information...

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W. N. Matthews Corp., 3710 Forest Park Blvd., St. Louis, Mo.

Metal Specialties Mfg. Co., 3200 Carroll Ave., Chicago, Ill.

Alexander Milburn Co., 1420 W. Baltimore St., Baltimore, Md.

F. E. Myers & Bro. Co., 900 Church St., Ashland, Ohio.

Paasche Airbrush Co., 1900 Diversey Blvd., Chicago, Ill.

Spray Engineering Co., 114 Central St., Boston, Mass.

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