

LEAD INDUSTRIES ASSOCIATION

99 EAST 42ND STREET

NEW YORK 17, N. Y.

SUBJECT TO REVISION

LEAD PIGMENTS TECHNICAL COMMITTEE MEETING MINUTES

New York, N. Y.

September 30, 1959

A meeting of the Lead Pigments Technical Committee of the Lead Industries Association was held in the office of the Association on September 30, 1959.

Present

L. L. Carriek, Chairman
M. E. Elmore
Paul Whitford
E. H. Buzsow
E. K. Zimmerman

Representing

Lead Industries Association
The Bunker Mill Co.
The Eagle-Picher Co.
Hammond Lead Products, Inc.
National Lead Co.

Robert L. Eiegfeld, Secretary-Treasurer
David M. Bortina, Secretary to the Committee
Owen P. Shobe, Consultant to L.I.A.
Bruce Fader, L.I.A.

The meeting was called to order at 9:30 A.M.

The minutes of the previous meeting of June 30, 1959 were approved.

REPORT BY OWEN P. SHOBE

At the request of the chairman, Mr. Shobe reported that he had been concentrating his activities since the last meeting in promoting the use of lead chromate paints for edge striping of highways. He reported that white edge striping seems to be favored now though there was some opposition to its use among certain state highway officials. As a matter of fact, 20 of 24 states surveyed in recent months, many of whom now favor white, believe that field tests should be conducted. Also, the Bureau of Public Roads was very receptive to the idea of a test project on the use of yellow paint for highway edge stripes. Three of the State Highway Departments contacted expressed an interest in conducting such tests.

Mr. Shobe further stated that one of the major objections made by state highway officials to the use of solid yellow edge striping was that it denotes "no crossing." However, the suggestion that it be a dashed yellow line received much greater acceptance.

Mr. Shobe also reported that the Connecticut Highway Department has presented a formal request for the adoption of yellow traffic edge marking paint to the Chairman, Edge Marking Committee, American Association of State Highway Officials.



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COMMITTEE REPORT ON CALCIUM PLUMBATE PAINT

The secretary reported that there was considerable interest being shown in this country, as indicated by correspondence received by the Association, in the pigment, calcium plumbate. The committee stated that similar correspondence was being received by their own companies.

Inasmuch as calcium plumbate had not performed very well in field tests conducted by the Association as well as by the individual members themselves, it was felt that the Association should prepare a report of our test results.

The secretary was, therefore, instructed to prepare a report of the calcium plumbate test results and submit it to the committee for approval. Upon approval, the report is to be circulated to members along with a letter detailing the Association's policy with respect to recommendations on the use of this pigment in the United States.

It was reported that National Lead Company has some data on calcium plumbate that they would make available to the secretary for inclusion in the report.

L.I.A. PROJECT 29

The secretary reported that calcium plumbate had been included in this project and in view of previous test results requested the committee's advice as to keeping this pigment in the project.

It was unanimously agreed that calcium plumbate be removed from L.I.A. Project 29.

THE INTERACTION OF PIGMENTED COATINGS WITH METAL SUBSTRATES

The research proposal "The Interreaction of Pigmented Coatings With Metal Substrates" submitted by Dr. Max Kronstein, College of Engineering, New York University to the Expanded Research Program of L.I.A.-A.Z.I. was considered.

It was regularly moved, seconded and unanimously agreed that the proposed research be rejected.

RECOMMENDED RESEARCH

After some discussion, the committee agreed that a large potential market for lead compounds as a rust-inhibiting pigment exists in the automotive and appliance fields. It was pointed out that no lead compounds are currently being used in paints in these fields.

It was, therefore, unanimously recommended to the Expanded Research Program of L.I.A.-A.Z.I. that consideration be given to a research project to develop lead compounds that would improve the corrosion resistance of the baked latex water emulsion type paints that are currently being used in the automotive and appliance fields. The project is also to develop basic information about various lead compounds for use in water emulsion paints.

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The committee believed that the necessary research should be completed in two years at an approximate cost of \$25,000.00 a year.

CONSIDERATION OF 1960 BUDGET

The committee then considered the 1960 activities and budget and the following recommendations were made:

Promotion Technical literature should avoid specific recommendations of basic lead silico-chromate. General promotion, however, should include the newer lead pigments such as basic lead silico-chromate and the pearlescent compounds. It was also suggested that this position be reviewed by the committee from time to time.

Advertising The advertising schedule should continue as in the past, that is, seven monthly pages in two colors in both "Engineering News-Record" and "Marine Engineering/Log." Advertising of yellow traffic marking paint was not recommended.

Red Lead Technical Letters The publication of the compilation of all previous Red Lead Technical Letters, as previously approved.

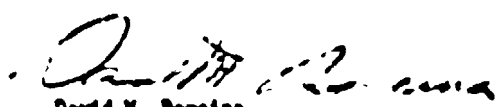
White Lead Some consideration should be given to promoting an increase in the lead content of primer house paints as there seems to be a tendency among paint manufacturers to increase the lead content of their paints.

Field Promotion Activities The field promotion activities no longer to include the promotion of the experimental paint formulations in L.I.A. Project 26 except to follow up with those states that have already underway field testing of these experimental paints. Also the location of the test sites in the various states should be made available to the committee.

Mr. Shobe cited one example of his recommendation with respect to the testing of the experimental paints by the Louisville, Kentucky, State Highway Department. He stated that his recommendations were for a red lead primer plus a basic lead silico-chromate paint for the intermediate and top coats.

Discussion of the remaining items on the agenda were tabled for the next meeting.

The meeting adjourned at 4:45 P.M.


David M. Borsina
Secretary, Lead Pigments Technical Committee