

LEAD INDUSTRIES ASSOCIATION

60 EAST 42ND STREET

NEW YORK 17, N. Y.

June 1, 1959

SUBJECT: REMOVAL OF LIA PROJECTS
FROM EXPOSURE RACKS

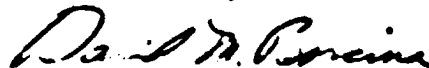
To the Lead Pigments Technical Committee:

I have received the attached letter and inspection reports of LIA Project No. 20, LIA Project No. 21 and LIA Project No. 23 from Mr. C. A. Lowinska, National Lead Company, Bayville, Long Island, New York.

As he points out, their salt water test basin is filled almost to capacity and, inasmuch as they have new tests scheduled for exposure, they wish us to consider the possibility of removing the above-named projects from the exposure racks.

In talking on the telephone with Mr. Lowinska, he tells me that time is of the utmost importance. Will you therefore let me have your comments by June 10. It would be appreciated if, in making your comments, you would take each project in turn.

Very truly yours,



David M. Borcine
Secretary, Lead Pigments
Technical Committee

DMB:JMH

Att. C. A. Lowinska letter May 28
Copies of inspection reports sent only to:

Mr. E. H. Betts
Dr. L. L. Carrick
Mr. M. E. Elmore
Mr. C. F. Shobe
Mr. Paul Whitford
Mr. E. E. Zimmerman



C O Z Y

NATIONAL LEAD COMPANY
Research Laboratories
105 York Street
Brooklyn 1, N. Y.

Paint Testing Station
P.O. Box 191 Sayville, N.Y.

May 28, 1959

Mr. David M. Bordin
Lead Industries Association
60 East 42nd Street
New York 17, New York

Dear Dave:

We find that our salt water basin is filled nearly to capacity with marine test panels. We have now tests scheduled for exposure and it is necessary for us to find space for these new tests. As a result, we are in the process of reviewing all of the older tests in the basin and considering the possibility of removing them. Among these are three LIA projects as described below:

LIA #20 Exposed: April 28, 1953 Panels 6614-43B, BD

This is a test at half tide of a variety of pigmentations in vinyl wash primer and in vinyl anti-corrosive coats. The project also included a comparison of Butvar B-76 resin against KYL in wash primer.

A red lead - basic zinc chromate wash primer (WP-403) and two Dypoc-basic zinc chromate wash primers (WP 405 and WP 406) have severe corrosion failure under a red lead AC. However, under a basic zinc chromate AC, they have only a minor amount of corrosion present. These are the only tests in this project which have any substantial amount of corrosion failure present. Since the tests are now over six years old, it appears that definite conclusions can be drawn at this time.

LIA #21 Exposed: May 6, 1955 Panels 7137-70C, CD

This is a rerun of the complete immersion portion of the tests in LIA #20. It was felt that the film thickness was not great enough in the original tests and they were removed and replaced with these tests which have film thicknesses of approximately 9 mils.

These tests are now four years old. One wash primer test (T109) NL-Fig. E) under a red lead AC has severe blistering present. All others have either no blistering or corrosion or only very slight amounts of these types of failure. Barnacle fouling has developed to a slight extent and algae fouling is quite severe on all these tests at this time. It is felt that final conclusions can also be drawn on this group of tests.

C O P Y

National Lead Company
Research Laboratories

May 28, 1959

To: Mr. David M. Boreine

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LIA #23

Exposed: March 18, 1957

Panels 7997-80153, 5D

This is an exposure test at half tide of red lead formulations in a variety of synthetic resin vehicles.

All tests in this project except those with Epox 1001 plus activator (LIA 511, 512, and 515) have reached an advanced stage of corrosion failure and it is felt that these tests can be concluded at this time.

The writer would like to have the opinion of the secretary and the members of the Red Lead Committee in regard to the disposition of each of the above groups of tests as soon as possible. Copies of the most recent inspection report made by a member of the Sayville staff are included with this letter in order to aid you in reaching a decision.

The following suggestions are offered:

1. Removal of the tests from the basin and retention of the panels for inspection by members of the committee at the time of their next visit at Sayville.
2. Continuance of part or all the tests referred to.

Very truly yours,

C. A. Lowinski

CAL:am
Enclosures