

MAR 22 1971

National Paint, Varnish and Lacquer Association

INCORPORATED
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March 17, 1971

TO ALL MEMBERS OF THE NPVLA SCIENTIFIC COMMITTEE:

At their last meeting, the NPVLA Executive Committee requested that we get a response from the Scientific Committee members concerning their opinion of the necessity for, and value of, the use of lead pigments in exterior primers and paints for residential wood surfaces. We are interested in both factory applied and site applied primers and top coats.

It is the intent of the Federal "Lead-Based Paint Poisoning Prevention Act", Public Law 91-603, to prohibit the use of lead-based paint on all interior surfaces, porches, and exterior surfaces to which children may be commonly exposed of residential housing funded in any way by Federal Government money.

The Bureau of Community and Environmental Management of the Department of Health, Education and Welfare is presently writing regulations which will implement Public Law 91-603. Among other details, these regulations will define the scope of "exterior surfaces to which children may be commonly exposed". We will not know the extent of this definition until the regulations are written.

There is a feeling on the part of some Government agencies that lead-based paint should be banned for use on all residential housing -- both interior and exterior surfaces.

Will you please take a few minutes to give us your opinions by completing the enclosed questionnaire. We need your replies by April 15, to prepare a report for the Executive Committee meeting to be held April 23.

Thank you for your cooperation.

Sincerely,



Ralph A. Brown
Technical Director

RAB/mb
Enclosure

PROGRESS THROUGH COOPERATION

0007-SWP-036612

N21870

QUESTIONNAIRE ON LEAD-BASED PAINTS

Lead-based paints are defined as those containing more than 1% lead (metal) based on the total non-volatile content of the paint. By lead materials, we are referring to lead pigments of all types. Sufficient lead driers can usually be incorporated in a coating so that the lead content is within the 1% limit of the total nonvolatile of the coating.

1. Do you believe lead materials (above the 1% level) are necessary in the formulation of high quality oil or alkyl primers for exterior residential wood surfaces? ☐ Yes ☒ No

Comments:

2. Do you believe lead materials (above the 1% level) are necessary in the formulation of high quality oil or alkyl top coat paints for exterior residential wood surfaces? ☐ Yes ☒ No

Comments:

3. Do you believe latex type primers are adequate for use on exterior wood surfaces in all parts of the U.S.? ☐ Yes ☒ No

Comments: Wood staining is a problem on some woods. Eliminating lead from latex primers would aggravate this problem.

4. Do you believe latex top coat paints are adequate for use on exterior wood surfaces in all parts of the U. S. ?

(a) Over lead-based primers ☒ Yes ☐ No

(b) Over non lead-based primers ☒ Yes ☐ No

Comments:

5. Please comment briefly concerning the effect the removal of lead materials (above the 1% level) from pigmented primers and top coat paints intended for use on exterior residential wood surfaces, would have. If you believe the effect would be detrimental, what properties would be most affected? — durability, mildew resistance, check and crack resistance, blistering, other.

All of the properties listed can be affected to some extent but these can be replaced by reformulating with some increase in cost in some cases.

Name /s/ P. J. Hays Company THE SHAW-WORTH COMPANY
CLEVELAND, OHIO

Please Return To: Mr. Royal A. Brown, Technical Director
National Paint, Varnish & Lacquer Assoc. File No: NST & ARE approved - (are)
1500 Rhode Island Avenue, N.W. mailing P-25-71
Washington, D. C. 20005

0007-SWP-036613

From the desk of
ROYAL A. BROWN

1/20/72

Dear Gar -

Enclosed are copies of
papers we discussed by phone
this morning. I agree
with Dr. Fung's arithmetic
but not his assumption
that all lead compounds
are as bio-available as
lead acetate (Fehoe's work.)
Regards, Roy.

0007-SWP-036623

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