

LEAD INDUSTRIES ASSOCIATION

486 LEXINGTON AVENUE
NEW YORK 17, N. Y.

Pigments and Chemicals Division

August 17, 1955

SUBJECT: PROJECT NO. 23

To Members of the Red Lead Technical Committee:

In reference to the recently initiated Project No. 23, Red Lead-Synthetic Vehicle Paints, there is quoted below for your information some excerpts from a letter from Mr. Paul Whitford of the Eagle-Picture Company, who was unable to be present at the last meeting of the committee.

"We have been doing a limited amount of work with the new chloro-sulfonated polyethylene "Hypalon", manufactured by DuPont. Hypalon is currently being recommended for solution coatings which have been highly touted for their corrosion resistant properties. The solution coatings based on Hypalon incorporate lead pigment as a stabilizer, or curing agent. The decomposition of the Hypalon compound is generally observed to be autocatalytic as a result of free chloride or sulphuryl chloride groups.

It is our thinking that red lead quite likely would serve as a satisfactory curing agent and at the same time, offer the advantages of an inhibitive pigment for those application conditions where a uniform coating was not applied, or where breaks or skips existed. The laboratory is currently making initial tests on a short series of solution coatings based on Hypalon cured with red lead, ranging from 40 parts per 100 of Hypalon to approximately 100 parts of red lead.

If the initial results look promising, we will turn the formulations over to the Lead Industries Association for further evaluation."

Very truly yours,

Charles E. Cherry Jr.
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Secretary to the Committee

