

PAINT DIVISION
RESEARCH STATUS REPORT
(July-August, 1961)

NTUS JUL/AUG 1961

GLD011775

ELMWOOD RESEARCH CENTER
RESEARCH STATUS REPORT
August, 1961

C-3

Subject: TR-4200, Trade Sales Oil Paint Research

Contributors: J. E. Southwick, R. W. Green, J. Bednarik, A. Alexander

Objectives: 1. Improved mildew resistance in Alkyd House Paints
2. Easy brushing lead-free House Paint Primer

Summary: 1. Long oil isophthalic alkyds continue to show good durability in zinc-free house paint formulations. We have selected an 85 % linseed isophthalic alkyd and an 85 % tall oil isophthalic alkyd to compare against our present alkyd house paint quality using V-869 and 05. Improved mildew resistance is expected with the isophthalic alkyds. Cab-O-Sil will also be tried in different amounts to improve mildew resistance.

2. Our work with Thixotrol (Baker Castor Oil additive to produce thixotropy) has produced a very easy brushing house paint primer. The paint is lead free and uses V-855 long oil alkyd and V-523 tung oil varnish. Two 500 gallon batches have been made in the plant under the code 1W124A. We will continue the exterior exposures and blister resistance studies.

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