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256 VANDERPOOL STREET
NEWARK, NEW JERSEY

NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT

PIGMENT GREEN B
GT-76-P, PARA SOAP SUBSTITUTES

Period Covered May 1951 - February 1952

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PIGMENT COLOR RESEARCH REPORT

Final Report

Title: PIGMENT GREEN B
GT-76-P, PARA SOAP SUBSTITUTES

Period Covered: May 1951 - February 1952

Charge: 1101-11-22

SUBMITTED BY: G. GRIMM

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A. A. Brizzolara

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INTRODUCTION

Recent curtailment of Para Soap and Turkey Red Oil supply led to investigation of substitute materials. In the case of GT-76-P a number of substitutes have been tried on a pound for pound basis in one experiment.

SUMMARY AND CONCLUSION

Substitution of the following materials for para soap (N-39) on a pound for pound basis produced unsatisfactory GT-76-P in the laboratory:

- 1) Petronate, N-490
- 2) Potassium Laurate, N-358
- 3) Distoline, N-641 (saponified with caustic)
- 4) Textile Finishing Oil (Drew), 75%
- 5) Rosin, N-239 (saponified with caustic)

In each case the masstone brushout was yellow and dull. The extension was weak compared with the para soap treated control. Textile Finishing Oil, petronate and rosin treated material was fairly close to the control in extension (vs weak) but the masstones were very yellow and dull.

EXPERIMENTAL DETAILS

Refer to expt. #46 Notebook 1064.