Cross References:

Harshaw Chemical Company
Uversol
House Paint
Manganese Naphthenate

CC: Dr. Paul Robinson, Lab.
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Mr. E. C. Fitzgerald, Lab.
Mr. C. D. Reinecker

REFERENCE COPY

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Philadelphia Laboratory
October 21, 1949

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MEMORANDUM REPORT NO. 268

LIGHT COLORED MANGANESE UVERSOL DRIER TO IMPROVE COLOR OF #40 OUTSIDE WHITE

The Harshaw Chemical Company claims that their Uversol manganese naphthenate drier has improved color. A sample, DS-20031, has been compared with VD-1846 Manganese naphthenate in the formula of 301-875, #40 Outside White, to determine whether an improvement can be made in the color of the paint.

The Uversol drier does have a lighter color and better clarity in bulk. However, when made into 301-875 White at equal manganese content, it shows no improvement either in the wet or dry color.

Drying tests were made at normal temperature and low temperature in two film thicknesses. The drying rate with Uversol was about as good as with VD-1846; it was slightly slower initially at low temperature, but the final drying time was the same.

Since there is no improvement in color, this drier does not appear to be of further interest.

References:

This work will be found in Philadelphia Laboratory Notebook No. 3617, pages 104 to 106 and 120,121.

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