

December 12, 1952

Dr. C. C. DeWitt
201 Olds Hall
Michigan State College
East Lansing, Michigan

Dear Sir:

At the request of Dr. J. V. Humm, we are sending under separate cover five pound samples each of two types of lithopone suitable for latex paint.

Permolith W-320 is a water wetting lithopone specifically designed for latex and resin emulsion paints. The water wetting characteristics are obtained by special surface treatment during the manufacturing process. It does not contain a wetting agent or a dispersing agent. It is low in soluble salts, especially divalent and trivalent cations, which often have a deleterious effect on the stability of the latex emulsion.

Permolith W-421 is quite similar to W-320 except that it is designed for use where a minimum amount of milling is to be done in the preparation of the latex paint. It does not contain a wetting agent, but does contain a water-soluble dispersing agent. In some latex paint formulations soluble salts do detract from washability (wear under scrubbing tests).

If there is any further information you desire about these samples, please do not hesitate to make inquiry.

Very truly yours,

THE SHERWIN-WILLIAMS CO.

F. C. Verduin
Mineral Products Laboratory

FCV:ff
cc: Dr. J. V. Humm

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