

Mr. J. R. Southwick

Strongsville, OH 44136

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Mr. S. T. Howell

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LEAD REMOVAL
SPRED GLOSS LINE - Y-900

We are issuing the Y-900 line to reduce the lead to conform to laws specifying less than 0.5% lead in the dried film. These formulas will be made on the Cowles or sand mill except for the Y-988 which must be ground on the pebble mill because of the iron blue.

Two drier combinations were chosen as the best candidates for our dry studies. These are cobalt-zirconium and cobalt-active 8. At equal dry to the standard, cobalt-active 8 produced a greenish-brown tint and 23¢ per gallon increase in cost. This was unsatisfactory. The cobalt-zirco combination at equal dry raised the cost 3¢ per gallon. Nuact paste (drier feeder) will be reduced from 5 pounds to 4 pounds per 100 gallons.

Drier studies were also made without Nuact paste to represent zero lead levels. It is hoped that we will find that drier stability on aging will be much better when using zirconium in place of lead. We understand this to be true but must prove it out in our vehicle system. If Nuact can be removed from the formulas, costs will decrease 1.5¢ per gallon.

J. E. Southwick

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