

FROM J. E. Southwick DATE June 26, 1972 FOR Mr. S. T. Bowell
CITY Coatings & Resins Research Center
Strongsville, Ohio cc: Mr. R. Haviland
ANSWERING Mr. M. Malaga
LETTER OF Mr. H. Werner, UCB
SUBJECT LEAD REMOVAL FORMULAS Mr. J. Kingston
Mr. W. M. Tomc

The following formulas are being issued to remove all lead:

Y-5996-C - Ultra-Hide Gel Flo S. G. Deep Tint Base #3
Y-5997-C - Ultra-Hide Gel Flo S. G. Deep Tint Base #4
Y-5998-D - Ultra-Hide Gel Flo S.G. Deep Tint Base #5

Y-917-C - Spred Gloss Enamel - Red Pepper
Y-921-C - Spred Gloss Enamel - Orange
Y-937-D - Spred Gloss Enamel - Acorn
Y-943-C - Spred Gloss Enamel - Tulip Yellow
Y-959-B - Spred Gloss Enamel - Avocado
Y-965-D - Spred Gloss Enamel - Shamrock
Y-985-D - Spred Gloss Enamel - Empress Blue
Y-988-D - Spred Gloss Enamel - Admiral Blue

Y-4520-B - Glid-Guard Alkyd Enamel - Safety Red
Y-4572-F - Glid Guard Alkyd Enamel - Neutral Gray
Y-4573-F - Glid Guard Alkyd Enamel - EZC Green
Y-4562-L - Glid Guard Alkyd Enamel - Neutral Gray

The previous formulas had the lead drier removed in favor of Zirconium drier. These formulas have the lead feeder drier (E-396) removed in favor of calcium drier so there is no cost increase. Several Y-900 line shows a 1 cent per gallon savings.

Y-988 is currently relabeled to Y-4564. Since this formula will now use V-2377 in place of V-2283 the cost savings will be 21 cents per gallon. The replacement of S-385 is part of this cost saving.

Due to sales decisions regarding the deletion of baking recommendations of Glid Guard Y-917 will be relabeled to Y-4520. This gives us a cost saving of 5 cents per gallon with this lead free pigmentation. Y-917C will use V-2377 and S-339 for an additional savings of 19 cents per gallon.

Mr. Haviland: Note the use of V-2377, Y-965 and Y-921 will also use V-2377 when sales gives final approval for this lead free green and orange. A slight color change on the next printing of Glid Guard color

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card would allow additional relabeling of lead free Spred Gloss colors. The cost savings for Y-917, Y-988, Y-4562, Y-4572 and Y-4573 appear to be excessively high. The reason for this is that Reading's 1972 cost for V-2283 is \$1.19 while in Cleveland the cost is \$1.01. The projected cost of V-2377 (replacement for V-2283) at Cleveland figured from production sheet is \$.93. Our computer has been using \$.95 which was used for these formulas.

JES:ed

J. E. Southwick

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