

INTER-OFFICE LETTER

FROM Cleveland

OFFICE Research Admin.

DATE

FOR

OFFICE

DATE March 22, 1971

RE

SUBJECT Exterior House Paints
Lead Elimination

REF: L-17-10

DICTATED BY

The individuals to whom this letter is directed met with the writer on March 19 to discuss the above subject. The following gives our present plans, deadlines, etc.

Our goal to eliminate lead from residential coatings is September 1, 1971. Some formulas are ready now and we should start to produce on them as soon as possible.

Bob Webber was provided with a list of the master rexes some time ago, and is controlling label stock on those items. A complete list of parallels is needed.

Frank Bradley and Joe Wolf will furnish Bob Taub their parallel product lists. Bob Taub will check these against his list and disseminate a master list as soon as possible to those routinely handling label changes, members of the "Get the lead out Task Force", the sales departments involved, and the Dayton, Martin-Senour, Detroit and Gibbons laboratories. Labels are to be keyed to 3 months supply.

The Rexes on this master list will be identified by one of the following groups:

- 1) House Paint Whites which will be converted from leaded zinc 12/88 to zinc oxide 30P, such as A2 W 4 and A2 W 8.
- 2) Premium Undercoaters which will be converted from oil-lead or alkyd-lead to alkyd. The major change is that A2 W 8 will replace A2 W 2, A6 W 32 and A6 W 38. Joe Wolf will initiate a Product Change Slip. The formula is finished.
- 3) Package colors which will be converted from oil 12/88 to alkyd. We will use West Coast formulas and rexes. Joe Wolf will initiate a Product Change Slip to drop present rexes and broaden distribution of West Coast rexes.
- 4) Package colors where lead will be reduced in present alkyd formula. A caution change on the label will be made. There may not be a need to change label analysis.
- 5) Colors where lead chromate pigments have been used will be difficult. No good substitutes are available. New colors may have to be selected.
- 6) Primers A57 A 18, A57 R 17 and A17 W 2 need to be revised. A satisfactory revision of A17 W 2 may not be possible.
- 7) Miscellaneous items.

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Any reformulation of the above items will be handled by Bob Taub and the Cleveland Laboratory. Martin-Senour will be responsible for items under their control and for control of their labels.

Major raw material changes will be the replacement of Oxide 12/88 and Oxide 18M with Oxide 30P. We estimate the usage of Oxide 30P will be 75-80% of the usage of 12/88 and 18M. The need for 27-55-64 will be eliminated and 27-55-60 will be essentially eliminated. The following lead compounds will be eliminated:

68 03 20
68 03 21
68 05 00

and a 90% reduction in our usage of 68 06 22. Our usage of 80 07 21 will be reduced by approximately 23,000 pounds because of this change.

Coffeyville will supply 12/88 up to August 31, 1971 but we plan to have major usages converted to 30 P by June, 1971.

JJ Lenzetti

JJLenzetti:AN

Directed to: DAA BWS JJR RST WHP HFB RHW

cc Development Laboratory Directors (HMA WAM: I CJB CMC HTG FCB CHH HLC HAW
BCH OXS DFM AWS RHW ESB RHP ZMB OCK) GGS RAM JRD GER WWC PAI RGS JJV RAT FXZ

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Cleveland

Research Admin.

March 22, 1971

Exterior House Paints
Lead Elimination

The individuals to whom this letter is directed met with the writer on March 19 to discuss the above subject. The following gives our present plans, deadlines, etc.

Our goal to eliminate lead from residential coatings is September 1, 1971. Some formulas are ready now and we should start to produce on them as soon as possible.

Bob Webber was provided with a list of the master raxes some time ago, and is controlling label stock on these items. A complete list of parallels is needed.

Frank Bradley and Joe Wolf will furnish Bob Tumb their parallel product lists. Bob Tumb will check these against his list and disseminate a master list as soon as possible to those routinely handling label changes, members of the "Get the lead out Task Force", the sales departments involved, and the Dayton, Martin-Senour, Detroit and Gibleware laboratories. Labels are to be keyed to 3 months supply.

The boxes on this master list will be identified by one of the following groups:

- 1) House Paint Whites which will be converted from loaded zinc 12/88 to zinc oxide 30F, such as AS V 4 and AS V 8.
- 2) Premium Undercoaters which will be converted from oil-lead or alkyd-lead to alkyd. The major change is that AS V 8 will replace AS V 2, AS V 32 and AS V 38. Joe Wolf will initiate a Product Change Slip. The formula is finished.
- 3) Package colors which will be converted from oil 12/88 to alkyd. We will use West Coast formulas and raxes. Joe Wolf will initiate a Product Change Slip to drop present raxes and broaden distribution of West Coast raxes.
- 4) Package colors where lead will be reduced in present alkyd formula. A caution change on the label will be made. There may not be a need to change label analysis.
- 5) Colors where lead chromate pigments have been used will be difficult. No good substitutes are available. New colors may have to be selected.
- 6) Primers AS7 A 18, AS7 B 17 and A17 V 2 need to be revised. A satisfactory revision of A17 V 2 may not be possible.
- 7) Miscellaneous items.

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Any reformulation of the above items will be handled by Bob Tamb and the Cleveland Laboratory. Martin-Sensar will be responsible for items under their control and for control of their labels.

Major raw material changes will be the replacement of Oxide 12/88 and Oxide 12M with Oxide 30P. We estimate the usage of Oxide 30P will be 75-80% of the usage of 12/88 and 12M. The need for 27-85-84 will be eliminated and 27-85-80 will be essentially eliminated. The following lead compounds will be eliminated:

88 03 20
88 03 21
88 05 00

and a 90% reduction in our usage of 88 06 22. Our usage of 80 07 21 will be reduced by approximately 22,000 pounds because of this change.

Coffeyville will supply 12/88 up to August 31, 1971 but we plan to have major usages converted to 30 P by June, 1971.

JJLousetti:AM

Directed to: DAA BWS JNR RPT WEP HPS RNR

cc Development Laboratory Directors (BBA WAMBI CJE GLE HPS PCB CNE HLC BAW
RCH GNS DPH AMB RNR RNR RNR RNR RNR) CNE BAW JNR CNE WVO PAI RNR JNR RNR RNR
JNL

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