

cc: J. J. LENZOTTI

Cleveland

Coatings, Development

Cleveland

June 18, 1971

E. E. Spitzer

Lead Reduction Program
Status Report
File #299

This is an up-to-date status report on the subject program:

Group I - House Paint Whites

SWP Trim & Tinting White A2 W 8
SWP Gloss White A2 W 4
P/C Hi-Level Gloss White B46 W 4
P/C Hi-Level Mildew Resistant White B46 W 14

Label analysis distributed. Formulae ready.

Group II - Premium Undercoaters

Label analysis distributed on S-W Exterior Wood Undercoater, A2 W 5 which will replace SWP Undercoater, A2 W 2, A-100 Undercoater, A6 W 32 and A6 W 39. A2 W 5 will be parallel to master mix B46 W 31, P/C Hi-Level Undercoater. Formula ready.

Group III - Oil House Paint Colors

Chelsea Gray A2 A 20
Sage A2 G 93
Sandpiper A2 A 47
Peach Yellow A2 Y 30

*need having
formula for parallel*

To be changed to West Coast Alkyd type. Sales establishing parallel listing. Formulas in existence.

Group IV - Alkyd colors requiring reduction in lead driers

(a) Made with single alkyd (39 73 33) tall oil type.

Deep Tinting White A2 W 21
Antique Gold A2 Y 18
Mineral A2 Y 19
Westchester Gray A2 A 42
Dorset A2 W 68
Harvest Gold A2 Y 32
Calvary Green A2 G 34
Provincial Sage A2 G 35
Cape Hatteras Blue A2 L 32
Bucks County Gold A2 Y 35

The above colors have been tested satisfactorily at room temperature and at 50° F. with new drier combinations of mircronium, cobalt, calcium and reduced lead. Stability tests underway. Some formulas indicate 3 cents/gallon increase dependent on amount of lead to replace. If formulas remain satisfactory, no new label analysis needed but change in label caution required.

0007-SWP-037361

N22879

(b) The following group requires combinations of alkyds (39 73 53) and (39 58 70) soya P.E. alkyd.

Charcoal Gray A2 A 28
Tricorn Black A2 B 18
Winthrop Red A2 R 44
Revere Green A2 G 94
Fairfax Brown A2 M 70
Selfast Red A2 R 32
Olds Tavern Brown A2 M 53
Plantation-Brown A2 M 56 *dup*
Woodland Olive A2 G 109

Drying tests indicate the shorter alkyd (39 58 70) is needed for satisfactory drying at low temperatures (50° F.). In most cases new label analysis required. Costs should be satisfactory because of some lowering of solids. Trial factory batches should be made.

Group V - Colors with lead pigments.

Leatherstocking Green A2 G 51 - shaded to std.
Verden Green A2 G 38 - shaded to std.
Ardmore Green A2 G 12 - still working on. Since changing to new P.C. green shading very difficult. Kings Yellow A2 Y 56, Berkley Yellow A2 Y 15 and Permanent Green A2 G 8 and A15 G 3 dropped by Sales.

Group VI - Special Primers

Galvite A17 A 15 - stability tests OK so far.
Rust Control Primer #49 A17 R 17 - stability tests OK so far.
Latex Wood Primer A17 W 2 - Chicago Research Lab working on.

Group VII - Miscellaneous Items

Work progressing satisfactorily. No unusual technical problems anticipated.

L. L. Beck, Assistant Director
Cleveland Technical Service

R. S. Paul
RSP/ab

cc: RAN RLC LLS JFL

0007-SWP-037362

0007-SWP-00011827