

HORE LAB. <u>Gibbsboro</u> CARD NO. <u>22</u> DATE <u>1/29/59</u> REF. NO. <u>319</u>	
NAME <u>Sultana Paint Light Green</u>	
CUSTOMER <u>John Lucas Export</u>	APPROVED <u>074</u>
GLOSS: <u>011</u>	SW TEST METHODS
COLOR: <u>Match standard for 319</u>	WGT. PER GAL. <u>101.0</u>
PVC <u>CPVC</u> VOL. SOLIDS % <u>428.9</u>	VISCOSITY: <u>406.84</u>
SURFACE: 1 <u>Wood</u>	DRYING OR BAKING: <u>441.0</u>
2	Fineness: <u>423.61</u>
METHOD <u>brush</u> ☒ DIF ☐ SPRAY ☐ ROLL ☐	COLOR: <u>610.35</u>
OTHER	APPEARANCE: <u>628.61</u>
REDUCTION: 1	Lean Test: <u>661.23</u>
2	APPEARANCE: <u>623</u>
UNDERCOATING:	EXPOSURE: ☐ LIMITED EX. ☐ INT. ☐
BAKING TIME & TEMP.	SPECIAL TESTS:
TYPE OVEN:	
DRY TO TOUCH: <u>6-10 Hrs.</u>	
TACK FREE:	
DRY:	
RECOAT: <u>36-48 Hrs.</u>	
GLAZ:	
OTHER:	

SEE CARD NO. 23

CLASSIFIED ASSIGN

REASON FOR REVISION: Show use of RY 3607 and BL1111 in place of RY8 and RY35. Also to conform to factory practice.

MANUFACTURING INSTRUCTIONS:

Alternate for 432 lbs 4/4 } use 367 lbs 2295 or 2059
 68 lbs. BW102 } use 144 lbs BW102 { 122#
 less 1 1/4 gal (2) in 3 kind

Int., ext.

Application: Surface, occ, metal No. Coats 2

Undercoater Used No. Coats 2

Primer for new work

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 12 hrs Recoat 18-24 hrs Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss 1 Film Rough

Special Tests

DATE	SLIP NO.	AMOUNT
	or 2143	
	1140 or 18	
	238 galn (2291)	
	14 gal (12)	
WB 1-20-46		
FACTORY	FORMULA	
Exec. Cost Dept.	10-30-42	12-14-93
Cleveland A	"	"
Kensington C	"	"
Allied Research	"	"
Kens. Tech. Serv.	"	"
Kens. Lacquer	"	"
Newark N	"	"
Oakland O	"	"
M. Senour M	"	"
Detroit D	"	"
Los Angeles P	"	"
Dallas T	"	"
Dayton B	"	"
Gibbsboro F	12-7-46	"
Pittsburgh H	"	"
Cuba V	"	"
Montreal	"	"
Buenos Aires Z	"	"

2/1/46 at 2/2/46 - 3/2/46

FORMULA RECORD

CONTROL LAB. Gibbsboro PREV. NO. DATE 8-11-57 REV. NO. 319
 NAME Sultana Paint Light Green CARD NO. 21

CUSTOMER	Export	POUNDS	GALLONS	MATERIAL	ALT. MATL
MFG. INSTR.		111	4.10	6685	
		288	6.05	6829	
		254	10.70	6232	
		2	.21	886	
		260	32 1/2	(2539)	
		50	7 3/4	(145)	
WT./GAL	12.88				
VISC.	25-35" 77° F #3 Can				
GRIND	3H	84	11 1/4	(3466)	
GUT/UT	100	15	2	(902)	
MFG. LOSS		4	1/2	(942)	
BLEED		4	1/2	(952)	
SOLIDS		139	21 1/4	(145)	
PARALLEL		77	5.57	EG 8	
		(2)?	.13	EG 35	
REASON FOR REVISION: <u>To show use of (2539)</u>					
<u>in place of (2536).</u>					
FORMULATOR <u>J. J. Zorley</u> APPROVED: <u>8/14</u>					

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____
 Application: Surface Wood-Metal Method Brush
 No. Coats Good-two Undercoater Used _____
 Drying Time: Touch 8-10 handle _____ Recoat 2-3 days
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp. _____
 Gloss Oil Film Tough & Hard
 Special Tests _____

PRODUCTION		
DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>4-11-41</u>			ALLIED RESEARCH	<u>4-11-41</u>		
NEWARK	"			GIBBSBORO	"		
KENSINGTON	"	<u>4-11-41</u>		DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			ARGENTINE	"		
LOS ANGELES	"			CUBA	"		
MONTREAL	"			M-S	"		
GOST DEPT.	"			CHI. TECH. SERV.	"		

FORMULA RECORD

Gibbsboro

DATE 1-31-52

REF. NO. 319

Substance Paint Light Green

CARD NO. 20

ORDER EXPORT		POUNDS	GALLONS	NEW MAT'L	OLD MAT'L
		111	4.10	6685	
		288	5.93	6806	
		254	10.69	6232	
		2	.22	886	
		372	49.5	(2536)	
WHEEL 12.60	VISC 25-35" on 75° #3 Cup	84	11.25	(3661)	
WHEEL 3 H	VISC	15	2	(902)	
CAPUT 100	CAUTION Label H-2	4	.5	(942)	
WHEEL LOSS	DEPT. FKG	4	.5	(952)	
WHEEL LOSS	WILL Roller LINING	77	12	(145)	
WHEEL	RATE/HIT 125 gr LABEL ANALYSIS: FA	77	5.57	EG 8	
WHEEL	FLASH PT. LANTHANOES: GREEN	(2) ?	.13	EG 35	
ROYALTY: YES ☐ NO ☐ X ☒ W ☐					
REASON FOR REVISION To show use of 68 C 6					
in place of A12 div.					

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____
 Application: Surface Wood-Metal Method Brush
 No. Coats Good 2 Undercoater Used _____
 Drying Time: Touch 10 hrs Handle _____ Recoat 2-3 days
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp. _____
 Gloss _____ Film Tough & Hard
 Special Tests _____

PRODUCTION		
DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>6-13-41</u>			ALLIED RESEARCH	<u>6-13-41</u>		
NEWARK	"			GIBBSBORO	"		
KENSINGTON	"	<u>6-13-41</u>		DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			ARGENTINE	"		
LOS ANGELES	"			CUBA	"		
MONTREAL	"			M-S	"		
COST DEPT.	"			CHI. TECH. SERV.	"		

6-14-28-41

Gibbsboro				FORMULA RECORD		DATE 1-21-54		REV. NO. 319	
Sultana Paint Light Green						CARD NO. 19			
PIECES	GALLONS	NEW MATL	OLD MATL	CUSTOMER Export					
111	4.10	6635	2140	MFG. INSTR.					
263	5.93	6840	412						
254	10.69	6232	312						
2	.22	886	547						
372	49 1/8 (2536)	(2536)	(2536)						
84	11 1/4 (3661)	(3661)	(3661)	WT./GAL 12.60		VISC 25-35 @ 75° F			
15	2.00 (902)	(4230)	(4230)	GRIND 3		VISC #3 Cum			
30	1/2 (942)	(4231)	(4231)	OUTPUT 100		BLEED			
38	1/2 (952)	(4232)	(4232)	MFG. LOSS 20		DEPT.		PKG.	
77	12 (145)	(348)	(348)	STOR. LOSS		MILL Roller		LINING	
77	5.57 BG 8	BG 8	BG 8	SOLIDS		RATE/HR 125 Gal		LABEL ANALYSIS	
18	.13 78016	10725	10725	PARALLELS		FLASH PT		LABEL: NONE: RED	
				REASON FOR REVISION		Replacinz (2538) with (2536) and (34X3) with (3661)			
				FORMULATOR		J. C. [Signature]			

FORMULA RECORD B			
CONTROL LAB		Gibbsboro	DATE 11/20/52
NAME		Sultana Paint Light Green	REC NO. 319
			CARD NO. 18
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Exdort
111	4.10	2110	10 MATCH Std.
288	5.94	412	
254	10.69	312	REASON FOR REVISION Replacing 111 and
2	.22	547	18 with 412, 2203 with 312 and
372	49.1/2	(2538)	V 71 with (2538).
84	11.1/4	(34 Y 3)	VISCOSITY 25-35" @ 75°F AT
15	2	(1230)	HRS. AFTER GRIND
3 1/2	1/2	(1231)	VISCOSITY #3 CUP AT
3 1/2	1/2	(1232)	HRS. AFTER GRIND
77	11.3/4	(318)	% SOLIDS (RUND)
77	5.60	BG 8	ROYALTY, YES ☐ NO ☐ X ☐ D ☐ V ☐
3 1/2	.33	10725	Wt. GAL 12.57
			LABEL ANALYSIS CHECKED
			BAUME
			LABEL NO. RED L. RED H.
			STD. OF FINENESS 3H
			NEW STD. SAMPLE REQUIRED ☒
			NORMAL OUTPUT 100
			DATE REC'D
			EST. MFG. LOSS 2%
			Mill Roller
			DEPARTMENT
			TEST OR GALS. PER HOUR 125
			PACKAGE
			APPROVED
			PARALLEL NO.'S
			FORMULATOR J.R. Loutz
			SUPV. J. J. Hunsicker

FORMULA RECORD			
CONTROL LAB		Gibbsboro	DATE 5-18-40
NAME		Sultana Paint Light Green	REX NO. 310
			CARD NO. 117
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Export
110	4.06	2140	TOMATCH Std
255	5.87	212	
250	11.88	2203	REASON FOR REVISION
2	.22	517	To use up to date raw materials
320	42	FV 74	
100	13 1/2	(2648) E	VISCOSITY 25-35" 75 deg. F
15	2	(4230)	RES. AFTER GRIND
3 1/2	1/2	(4231)	VISCOSITY #3 min. 1/2
3 1/2	1/2	(4232)	% SOLIDS (RUN)
117	18	(348)	ROYALTY YES; NO; X; V; D
57	5.29	10724	WT/GAL. 12.40
15	.13	10725	LABEL ANALYSIS CHECKED DATE
			BAUME
			LABEL NO. RED; RED O
			STD. OF FINENESS 3
			NEW STD. SAMPLE REQUIRED
			NORMAL OUTPUT 100
			DATE REC'D
			EST. MFG. LOSS 2%
			MILL Roller BLEED?
			DEPARTMENT
			YIELD GALS. PER HOUR 125
			PACKAGE
			APPROVED
			FORMULATOR P. J. Howell
			PARALLEL NO.'S
			SUPT. D. Z. Hornsby (div)

MANUFACTURING INSTRUCTIONS:

Application: Surface _____ No. Coats _____

Undercoater Used _____ No. Coats _____

Method 1 _____

Reduction: Amount _____ Reducer Used _____

Method 2 _____

Reduction: Amount _____ Reducer Used _____

Drying Time: Touch _____ Recoat _____ Stencil _____

Hard _____ Sand _____ Handle _____

Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp. _____

Gloss _____ Film _____

Special Tests _____

DATE

SLIP No.

AMOUNT

FACTORY

FORMULA

SPEC. CARD

Exec. Cost Dept. _____

Cleveland _____ A

Kensington _____ C

Allied Research _____

Kens. Tech. Serv. _____

Kens. Lacquer _____

Newark _____ N

Oakland _____ O

M. Senour _____ M

Detroit _____ D

Los Angeles _____ P

Dallas _____ T

Dayton _____ B

Gibbsboro _____ F

Pittsburgh _____ H

Cuba _____ V

Montreal _____

Buenos Aires _____ Z

FORMULA RECORD			
Gibbsboro		DATE	10-12-49
Sultana Paint-Light Green		LUCAS NO.	319
NAME		CARD NO.	17 Alt. A
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
110	4.06	2140	Export
247	5.19	1411	Std.
38	.68	18	TO M. TCH
250	11.88	2203	REASON FOR REVISION
2	.22	547	To use 1411 and 18 when 412 is
320	42	FV 74	not available. To replace
			10724 with FB 11834.
84	11 1/4	(2848) E	VISCOSITY 25-35" 75 deg F
15	2	(4230)	AT HRS. AFTER GRIND
3 1/2	1/2	(4231)	VISCOSITY #3 cup
3 1/2	1/2	(4232)	AT HRS. AFTER GRIND
117	18	(348)	% SOLIDS (RUN)
77	5.61	FB 11834	ROYALTY: YES ☐ NO ☐ X ☐ W ☐
1 1/2	.13	10725	WT/GAL T 12.40
			BAUME
			STD. OF FINENESS 3
			NORMAL OUTPUT 100
			EST. MFG. LOSS 2%
			DEPARTMENT
			PACKAGE
			PARALLEL NO.'S
			DATE REC'D
			MILL Roller BLEED?
			LBS. OR GALS. PER HOUR
			APPROVED
			FORMULATOR J. R. Perry
			SUPT. D. F. Hounholden

All for 382[#] 414 } use 343[#] 2295 or 2059
 58 BW102 } and 110[#] BW102 { 95
 and 74 gals @ 1.55 { 11
 in formula.

Application: Surface Food, metal No. Coats Good 2
Undercoater Used _____ No. Coats _____

Method 1 Brush

Reduction: Amount_____Reducer Used_____

Method 2

Reduction: Amount..... Reducer Used.....

Drying Time: Touch 2-10 hrs. Recoat 2-3 days

Hard _____ Sand _____ Handle _____
Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp.

Gloss 511 Film rough & h

Special Tests

DATE	SLIP NO.	AMOUNT
or 243		
1140 or 18		
18-245 (5091)		
4-245 (1212)		
11-30-46		
M. Long	5-14-47	
FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	10-30-42	2-14-41
Cleveland — A	"	"
Kensington — C	"	"
Allied Research	"	"
Kens. Tech. Serv.	"	"
Kens. Lacquer	"	"
Newark — N	"	"
Oakland — O	"	"
M. Senour — M	"	"
Detroit — D	"	"
Los Angeles — P	"	"
Dallas — T	"	"
Dayton — B	"	"
Gibbsboro — F	"	"
Pittsburgh — H	"	"
Cuba — V	"	"
Montreal	"	"
Buenos Aires — Z	"	"
<i>Flann</i>		

FORMULA RECORD			A135 BLUE	
Exp. No.	Date	Class	Rex. No.	Card No.
Name	Sultana Home Paint Light Green		110	16 Replaces No. 15
POUNDS	GALLONS	MATERIAL NO.	Customer	Report
48	2.02	2201	To Match	Std.
72	3.12	2203		
481	13.47	461 M	Reason for Revision	
102	2.14	414	To show correct amount of	
34	.60	18	fining base.	
151	18 3/4	(2317)	Viscosity	30" 75 deg. F #3 cat. hrs. after grind
59	7 1/4	(3071)	Viscosity	at hrs. after grind
97	13	FV 51	% Solids (Run)	Royalty: Yes ☐ No ☐ X ☐ W ☐
78	10	(2)	WL/Gal	T 13.29 Label Analysis Checked-Date
154	23 3/4	(348)	Baume	Label: No Red ☐ Red ☐
25	3 3/4	(141)	Std. of Fineness	3 New Std. Sample Required
3-1/2	1/2	(543)	Normal Output	100 Date Rec'd
7-1/2	1	(1530)	Est. Mfg. Loss	3% Mill Roller-ly-Bleed?
57	3.29	10724	Department	Lbs. or Gals. per hour
1 1/2	.13	10725	Package	Approved JRIentz
?		(12)W	Parallel No.'s	Formulator
				Supt. JRIentz

FORMULA RECORD			A135 BLUE 9-4	
Exp. No.	Date	Class	Rev. No.	Card No.
Name Sultana House Paint Light Green		Replaces No.		
POUNDS	GALLONS	MATERIAL NO.	Customer	Export
125	5.32	20 L	To Match	Std.
500	14.00	4618	Reason for Revision	
142	2.98	412	To conserve linseed oil.	
153	19	(2317)	Viscosity 30° 75° #3 sup at hrs. after grind	
61	7-1/2	(3071)	Viscosity at hrs. after grind	
101	13-1/2	FV 51	% Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
81	10-1/2	(2)	WL/Gal T 13.21	Label Analysis Checked-Date
161	24-3/4	(348)	Baume	Label: No Red ☐ ; Red ☐
27	4	(141)	Std. of Fineness 3	New Std. Sample Required
3-1/2	1/2	(543)	Normal Output 100	Date Rec'd
7-1/2	1	(4230)	Est. Mfg. Loss 3%	Mill _____ Bleed?
?		EB 11834	Department	Lbs. or Gals. per hour
?		EB 11835	Package	Approved A J NOLI
?		(12)W	Parallel No.'s	Formulator
			Supr. DF Householder <i>076</i>	

A135 BLUE 11-45 2821

319

72 Replaces No

Customer Export Only Alt. 1
To Match Sid. **ALTERNATE FORMULA**
Reason for Revision To use available
driers.
Viscosity 25" 75 deg #3 at hrs. after grind
Viscosity at hrs. after grind
% Solids(Run)
Wt./Gal. 113.96
Baume
Std. of Fineness 3
Normal Output 100
Est. Mfg. Loss 2%
Department
Package
Parallel No.'s
Royalty: Yes ☐; No ☐; X ☐; W ☐
Label Analysis Checked-Date
Label: No Red ☐; Red ☒
New Std. Sample Required NO
Date Rec'd
Mill Bleed?
Lbs. or Gals. per hour
Approved A J Noll
Formulator
Sunt. D. Householder

0007-SWP-061140

Undercoater Used _____ No. Coats _____

Reduction: Amount.....Reducer Used

Reduction: Amount **Reducer Used**

Drying Time: Touch 3-10 Recoat 2-3 Stencil 2-3

Hard _____ Sand _____ Handle _____

Tack Free **Rub** **Wra**

Baking Time and Temp.

Gloss 9-1 Film Tough & hard

Special Tests

[illegible]

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	11-3-41	
Cleveland — A	"	
Kensington — C		
Allied Research —	4	
Kens. Tech. Serv.		
Kens. Lacquer —		
Newark — N	11	
Oakland — O	1	
M. Senour — M	4	
Detroit — D	11	
Los Angeles — P	11	
Dallas — T	1E	
Dayton — B	11	
Gibbsboro — F	1	
Pittsburgh — H		
Cuba — V	1	
Montreal —	1	
Buenos Aires — Z	1	

FORMULA RECORD			138 4-25 5571	
Exp. No.	Date 6-20-44	C ass	Rez. No. 319	
Name Sultana House Paint Lt. Green			Card No. 13	Replaces No.
POUNDS	GALLONS	MATERIAL No.	Customer Export Only	
500		461S	To Match Std	
72		414		
79		18	Reason for Revision Reinstating per	
108		2188	letter CMT to P. Mantle 6-5-44.	
121		3	Chrome Green Shading Bases re-	
214		(2)	quested by AHR 6-19-44	
152		(48)	Viscosity 25" 75deg. #3 cup	
			Viscosity at hrs. after grind	
136		(349)	Viscosity at hrs. after grind	
27		(141)	% Solids (Run)	
24		(31)	Wt./Gal. T14.08	
3		(12/W)	Baume	
?		CB11834	Std. of Fineness 2P	
?		CB11835	Normal Output 100	
			Est. Mfg. Loss 2%	
			Department	
	3.74 # oil / gal		Package	
			Parallel No.'s	
			Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
			Label Analysis Checked-Date	
			Label: No Red ☒ ; Red ☐	
			New Std. Sample Required yes	
			Date Rec'd	
			Mill	
			Bleed?	
			Lbs. or Gals. per hour	
			Approved CFW	
			Formulator	
			Supt. S76	

0007-SWP-061142

MANUFACTURING INSTRUCTIONS:			Vond		
		DATE	SLIP No.	AMOUNT	
		Bureau	1-22-44	11	
		T-5		11	
		Chicago		11	
		Calder		11	
		Edison		11	
		Edison		11	
		Edison		11	
		Edison		11	
Application: Surface		No. Coats			
Undercoater Used		No. Coats			
Method 1			FACTORY	FORMULA	SPEC. CARD
Reduction: Amount			Exec. Cost Dept.	1-21-44	11
Reducer Used			Cleveland	"	11
Method 2			Kensington	"	1-21-44
Reduction: Amount			Allied Research	"	11
Reducer Used			Kens. Tech. Serv.	"	11
			Kens. Lacquer	"	11
			Newark	"	11
			Oakland	"	11
			M. Senour	"	11
			Detroit	"	11
			Los Angeles	"	11
			Dallas	"	11
			Dayton	"	11
			Gibbsboro	"	11
			Pittsburgh	"	11
			Cuba	"	11
			Montreal	"	11
			Buenos Aires	"	11
			Calder	1-21-44	11

ES 13/15 - 8/31/46

FORMULA RECORD				TEMPORARY FORMULA	
Exp. No. _____		Date <u>2-23-36</u>		Rex. No. <u>312</u>	
Name <u>FAMILY PAINT SILVER GRAY</u>				Card No. <u>4</u> See No. <u>3</u>	
490 LBS.	411 B or 1524	Customer	<u>S.W. Co. Trade Sales</u>		
185 "	33 or 1194	To Match	<u>Rex 357</u>		
185 "	20 L	<u>Identical with Rex 838</u>			
?	21	Weight Per Gal.	<u>14.10</u>		
1	104	Baume.	<u>21</u>		
"		Std. of Fineness	<u>21</u>		
"		Visc.	<u>21</u>		
"	<u>11634 Base</u>	Label Required	☒ No		
"		New Std. Sample Required	<u>Yes</u>		
31	GALS. (<u>2</u>)	Reason for Revision	<u>Temporary formula to utilize</u>		
9	" (<u>1762</u>)		<u>purchased oil.</u>		
"	" (<u> </u>)		<u>Retain present formula for use</u>		
1	" (<u>12 W</u>)		<u>effective.</u>		
17	" (<u>38</u>)		<u>Use card # 3</u>		
9	" (<u>348</u>)	Normal Output	<u>100</u>		
9	" (<u>429</u>)	Est. Mfg. Loss	<u>2%</u>		
"	" (<u> </u>)	Department	<u>B</u>		
"	" (<u> </u>)	Supt.	<u>D. C. Russell</u>		
		Label Analysis Checked-Date			

MANUFACTURING INSTRUCTIONS:				PRODUCTION		
Reduction: Amount _____		Reducer Used _____		Date	Slip No.	Amount
Application: Surface _____		Method _____				
No. Coats _____		Undercoater Used _____				
Drying Time: Touch _____		Recoat _____				
Rub _____		Stencil _____				
Baking Time and Temp. _____						
Gloss _____						
Special Tests _____						

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>2-28-36</u>			ALLIED RESEARCH	<u>2-28-36</u>		
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							

FORMULA RECORD

Exp. No. _____ Date 10/10/40 Class _____ Rex. No. 319
 Name Family Paint Silver Gray Card No. 4 See No. 3

4 LBS. 547 Customer S.W. Co. Trade Sales
185 " 20 To Match Ex 357 - Identical with Rx 838
185 " 33 or 1194
490 " 411E or 1520 Weight Per Gal. 118.00 Visc. 14
2 " PO 30 Baume _____ Std. of Fineness 2M Label Required
2 " BB 10 Lbs. Gals. per hour _____ Mill
 " _____ New Std. Sample Required _____ Date Recd. _____
 " _____ Reason for Revision _____
1 GALS. (12 W.) To use (3017) and (418) and eliminate
19 " (2) (429)
16 " (418)
5 " (3017)
31 " (38)
0 " (348)
2 " (183)
1 " (324)
 " _____
 " _____

Normal Output 100 Approved _____
 Est. Mfg. Loss 2% Formulator _____
 Department B Supt. _____
 Label Analysis Checked-Date delivered A 135 11-39 2863 (E.P.)

MANUFACTURING INSTRUCTIONS: Note: Use V. 16226 Screening Oil for (418) as long as supply is available. After stock of V 16226 is depleted use (418). 16226 must have at least Iodine value 141.

Note: V. 16226 now assigned (3014) 1-27-41

Reduction: Amount _____ Reducer Used _____
 Application: Surface Wood & Metal Method Brush
 No. Coats Good 2 Undercoater Used _____
 Drying Time: Touch 12 hrs. Handle _____ Recoat 16-24 hrs.
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp. _____
 Gloss Oil Film _____ Tough _____

Special Tests Final viscosity in a week or 10 days

FACTORY				PRODUCTION			
FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	DATE	SLIP No.	AMOUNT	
CLEVELAND	10-16-40						
NEWARK	"						
KENSINGTON	"	10-14-40					
OAKLAND	"						
DALLAS	"						
LOS ANGELES	"						
MONTREAL	"						
COST DEPT.	"						
FACTORY				FORMULA	SPEC. CARD	STD. SAMPLE	
ALLIED RESEARCH				10-16-40			
GIBBSBORO				"			
DAYTON				"			
DETROIT				"			
LONDON				"			
AUSTRALIA				"			
M.S.				"			
CHI. TECH. SERV.				"			

10-16-40 1-28-41/10-2-20-41

0007-SWP-061145

Special Tests

0007-SWP-061209

MANUFACTURING INSTRUCTIONS

When receiving
see Part # of transfer file

Reduction: Amount	Reducer Used	PRODUCTION		
Application: Surface <u>Wood & Metal</u>	Method <u>Brush</u>	Date	Slip No.	Amount
No. Coats <u>Good 2</u>	Undercoater Used			
Drying Time: Touch <u>8-12 Hrs.</u>	Handle			
	Recoat <u>18-24 Hrs.</u>			
Rob	Sand			
	Wrap			
	Stencil			
Baking Time and Temp.				
Gloss <u>Oil</u>	Film <u>Tough</u>			
Special Tests				

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	7-23-35			ALLIED RESEARCH	7-23-35		
NEWARK	"			GIBBSBORO			
KENSINGTON	"			DAYTON	7-2-36		
OAKLAND	"			DETROIT			
DALLAS	"			LONDON			
LOS ANGELES	"			AUSTRALIA			
MONTREAL	"			Argentina	1-3-40		
COST DEPT	"						

Special Tests

CH 11-14-41 CH 12-241

FORMULA RECORD			
Exp. No.	Date	Rex. No.	
	7/12/35	319	
Name	Family Paint Silver Gray		
	Card No.	3 See No. 2	
490	LBS. 411 B. or 1526	Customer	S. W. Co. Trade Sales
185	" 53 or 1194	To Match	Rx 357
185	" 20 L 9-12-35	Identical with Rx 838	
?	" 21	Weight Per Gal.	14.10 Visc.
?	" 104	Baume.	Sid. of Fineness 2 M
	" 1149 B. or	Lbs. Gals. per hour	Mill
	"	Ham. Sid. Sample Required	Idg. Date Rec'd 9-19-36
	"	Reason for Revision Give telephone for use of	
31	GALS. (2)	APPROVED NO Formulator Supt. H. K. [Signature]	
6	" (213)		
	" ()		
1	" (12 W)		
17	" (38)		
12	" (348)	Normal Output	Approved
9	" (429)	Est. Mfg. Loss 2%	Formulator
	" ()	Department B	Supt. H. K. [Signature]
X	" ()	Label Analysis Checked - Date	

0007-SWP-061147

FORMULA RECORD			
Exp. No.	Date	Class	Rev. No.
	6-9-41	11 TS	319
Name	Family Paint Silver Gray		Card No. 5 See No. 4
4	LBS.	547	Customer S-W
185		20 L	To Match Std
185	"	X 33 or 1194	
490	"	1526 or 411 B	
?	"	BO 30	Wgt./Gal. 113.90 Grind 2 M Label Required None
?	"	BB 10	Be. Visc.
			Lbs. Gals. per hour Mill
			New Std. Sample Required Yes Date Rec'd
			Reason for Revision
			Reverting to linseed oil per V. Mills.
1	GALS.	(12) W	
33	"	(2)	
6	"	(213)	
	"	()	
22	"	(38)	
12	"	(348)	
1	"	(183)	
	"	()	
	"	()	
			Normal Output 100 Approved Formulator
			Est. Mfg. Loss 2%
			Department B Supt. QRB
			Label Analysis Checked-Date 6-24-41

0007-SWP-061148

FORMULA RECORD

A195, S-41 S-1013

Exp. No. _____ Date 10/2/41 Class 11 TS Rex. No. 312
 Name Family Paint Silver Gray Card No. 5 A1 See No. 4

POUNDS	GALLONS	MATERIAL No.
4		547
150		33 or 1194
100		461 S
220		2201
390		1523
?		B0-30
?		BB-10
	1	(12)
	33	(2)
	6	(213)
		()
	22	(38)
	12	(518)
	1	(183)
		()
		()

Customer S. H. Co.
 To Match S. H. Co.
 Reason for Revision To conserve 20 L and
USE IN PREFERENCE TO REGULAR OR
ALT. FORMULA
 Viscosity 25 at 25 hrs. after grind
 Viscosity 25 at 25 hrs. after grind
 Wt. Gal. 113.90 Label Analysis Checked-Date _____
 Baume _____ Label: No Red ☒ Red ☐
 Std. of Fineness 2M New Std. Sample Required No
 Normal Output 100 Date Rec'd 10-30-41
 Est. Mfg. L. 2% Mfg. Roller
 Department 3 Lbs. or Gals. per hour _____
 Parallel No's _____ Approved _____
 _____ Formulator W. L. L.
 _____ Supt. W. L. L.

FORMULA RECORD			A13 8-41 3038	
Exp. No.	Date	Class	TS	Rex. No.
Name	Family Paint Silver Gray		Card No.	Sea No.
POUNDS	GALLONS	MATERIAL NO.		
4		547	Customer 3.1 0.	
235		2201	To Match Std	
150		33 or 1194	ALL FACTORIES EXCEPT CHICAGO	
346		414	Reason for Revision To conserve 1596. If	
168		BW 102 (144)	414 varies from 85%	
?		1/4 (12)	zinc oxide, recalculate	
?		30 30 (5091)	to obtain 75% zinc	
?		BB 101	oxide	
See card #9 dated 11-7-41			Viscosity 18-20 #3 75 hrs. after grind	
Same card # used as error			Viscosity at hrs. after grind	
in amount 3/4 (12) W			Wt./Gal. 14.00	
414 dry 30 1/4 (2)			Baume 14.00	
in this 6 (213)			Std. of Fineness 31	
formula			Normal Output 100	
Retained 22 (38)			Net Mfg. Loss 2%	
in Cleve 12 (348)			Department B	
file for 1 (183)			Parallel No's	
reference. Other cards			Label Analysis Checked Date	
recalled and destroyed			Label: No Red ☐ Red ☐	
			New Std. Sample Required ☒	
			Date Rec'd	
			Mill	
			Lbs. or Gals. per hour	
			Approved	
			Formulator J. B. 1.1	
			Supt. C. A. H.	

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____
 Application: Surface _____ Method _____
 No. Coats _____ Undercoater Used _____
 Drying Time: Touch _____ Handle _____ Recoat _____
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp. _____
 Gloss _____ Film _____
 Special Tests _____

PRODUCTION

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	6-12-41			ALLIED RESEARCH	6-12-41		
NEWARK	"			GIBBSBORO	"		
KENSINGTON	"	6-12-41		DAYTON	"		
OAKLAND	"			DETROIT	"		
DALLAS	"			ARGENTINE	"		
LOS ANGELES	"			CUBA	"		
MONTREAL	"			M.S.	"		
COST DEPT	"			CHI. TECH. SERV.	"		

CLIO-25-41

FORMULA RECORD			Date 11-7-41		Class 11 TS		Exp. No. 319	
Name Family Paint Silver Gray			Card No. 6		See No. 5			
POUNDS	GALLONS	MATERIAL NO.	Customer SW Co.					
4		547	To Match Std.					
225		2201	ALL FACTORIES EXCEPT CHICAGO					
150		33 or 1194	Reason for Revision To conserve 1526 dry.					
432		414	If 414 dry varies from 85%					
68		54 102 (58#)	1140 zinc oxide recalculate					
		{1/8}	8g. (5091) to 75% zinc oxide.					
		{1 1/2}						
		36 30	Viscosity 18-20" #3 @ 75°					
		BB 10	Viscosity hrs. after grind					
			Wt./Gal 14.00					
	1	(12)	Label Analysis Checked					
	32	(2)	Label No. Red 121					
	6	(213)	Std. of Fineness 2M					
			Normal Output 100					
			Est. Mfg. Loss					
	22	(38)	Department					
	12	(348)	Parallel No's					
	1	(183)	Supt.					
			Formulator W. B. Buntick					

0007-SWP-061154