

MANUFACTURING INSTRUCTIONS:

Reduction: Amount _____ Reducer Used _____
 Application: Surface Wood-metal Method Brush
 No. Coats Good 2 Undercoater Used _____
 Drying Time: Touch 6-12 hr Handle _____ Recoat 18-24 hrs
 Rub _____ Sand _____ Wrap _____ Stencil _____
 Baking Time and Temp _____
 Gloss _____ Oil _____ Film _____ Tough _____
 Special Tests _____

PRODUCTION

DATE	SLIP No.	AMOUNT

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>6-28-41</u>			ALLIED RESEARCH	<u>6-28-41</u>		
NEWARK				GIBBSBORO			
KENSINGTON		<u>6-28-41</u>		DAYTON			
OAKLAND				DETROIT			
DALLAS				ARGENTINE			
LOS ANGELES				CUBA			
MONTREAL				M-S			
COST DEPT				CHI. TECH. SERV			

6-10-28-41

FORMULA RECORD			A 135 BLUE 7-17-3272	
Exp. No.	Date	12-19-47	Class	B
Name	Sultana Paint Medium Gray		Rev. No.	307
			Card No.	17 Replaces No. 16
POUNDS	GALLONS	MATERIAL No.	Customer - Export	
110	4.06	2140	To Match Std.	
285	5.87	412		
250	11.88	2203	Reason for Revision	
2	.22	547	To make parallel to St. Iris line	
128	16	(48)		
128	16	(3316)		
52	8	(348)	Viscosity 25-35° #3 cup at hrs. after grind	
			Viscosity at hrs. after grind	
126	17	(2848)E	% Solids (Run)	
15	2	(4230)	WL/Gal T 12.09	
3-1/2	1/2	(4231)	Baume	
3-1/2	1/2	(4232)	Std. of Fineness 3	
130	20	(348)	Normal Output 100	
?		FB 2501	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	
			Date Rec'd	
			Mill 5 Roller Bleed?	
			Lbs. or Gals. per hour 125 gal.	
			Approved	
			Formulator	
			Supt. DFHouseholder	

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.	U-10-41	
Cleveland A		
Kensington C		U-10-41
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			A135 BLUE 9-48 2500 D	
Exp. No.	Date	2-3-47	Class	307
Name	Sultana House Paint Medium Gray		Card No.	16 Replaces No.
POUNDS	GALLONS	MATERIAL No.	Customer	Export
125	5.32	20L	To Match	Std.
500	14.00	461S	Reason for Revision	To conserve linseed oil.
142	2.98	412		
153	19	(2317)		
61	7-1/2	(3071)		
101	13-1/2	FV 51		
81	10-1/2	(2)		
153	23-1/2	(345)	Viscosity	30" 75° #3
27	4	(141)	Viscosity	at hrs. after grind
3-1/2	1/2	(543)	% Solids (Run)	at hrs. after grind
7-1/2	1	(4230)	Wt./Gal.	13.30
9	1.02	EB 104	Baume	
5	.39	EB 2543	Std. of Fineness	3
?		(12)W	Normal Output	100
			Est. Mfg. Loss	3%
			Department	
			Package	
			Parallel No.'s	
			Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
			Label Analysis Checked-Date	
			Label: No Red ☐ ; Red ☐	
			New Std. Sample Required	
			Date Rec'd	
			Mill Roller	Bleed?
			Lbs. or Gals. per hour	
			Approved	A J Noll
			Formulator	
			Supt.	DEHousholder

Special Tests

0007-SWP-061153

FORMULA RECORD			Exp. No.		Date 4-5-45		Class		Rev. No. 307		
Name Sultana Paint Med. Gray			Card No. 15		Replaces No.						
POUNDS	GALLONS	MATERIAL No.	Customer	Export							
121		3	To Match	Std.							
108		2188	Reason for Revision Replace 18 dry with 412, 511 Show Alt. use of X70727 when 414 mfg. is on Kentone equipment.								
500		4613									
142		412 or 71									
214		12									
152		48	69-3/4 gal. X 70727	Viscosity 25" 75 deg. #3 cup at hrs. after grind							
			Viscosity	at hrs. after grind							
129		348	% Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐							
25		141	Wt. Gal. 114.03	Label Analysis Checked-Date							
24		31	Baume	Label: No Red ☐ ; Red ☐							
3		12W	Std. of Fineness H3	New Std. Sample Required							
5		OB2543	Normal Output 100	Date Rec'd							
9		OB104	Est. Mfg. Loss 2%	Mill Bleed?							
			Department	Lbs. or Gals. per hour							
			Package	Approved							
			Parallel No. s	Formulator SFC							
				Supt. SAC							
3 74# oil/gal											

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood, metal No. Coats Wood 2

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 6-12 hrs. Recoat 18-24 hrs. Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss Oil Film Tough

Special Tests

DATE	SLIP NO.	AMOUNT

FACTORY	FORMULA	REMARKS
Exec. Cost Dept.	1F-7-41	12-64-43
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	"	"

es 2-25-43

FORMULA RECORD			K135 BLUE 11-45 2821	
Exp. No.	Date 9-19-46	Class	Rev. No. 307	
Name	Sultana House Paint Medium Gray		Card No. 15	Replaces No.

POUNDS	GALLONS	MATERIAL No.	Customer Export Only
121	5.47	3	To Match Std. ALTERNATE FORMULA
108	5.13	2188 or 29L	
500	14.	461S	Reason for Revision To use available
142	2.98	412	driers
214	27.69	(2)	
152	19.	(48)	
119	18.30	(348)	Viscosity 25" 75 deg. #3 at hrs. after grind
25	3.74	(141)	Viscosity at hrs. after grind
12	1.57	FV-36	% Solids (Run)
20	2.63	(4230)	Wt./Gal. 113.98
3	.36	(12)W	Baume
5	.39	OB2543	Std. of Fineness 3
9	1.02	OB104	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 ☐ No New Std. Sample Required Date Rec'd Mill Bleed? Lbs. or Gals. per hour Approved A J NO11 Formulator Supt. D.F. Householder 2076	
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MANUFACTURING INSTRUCTIONS:				DATE	SLIP NO.	AMOUNT
Hiding Power: Good						
Application: Surface Wood, metal No. Coats Solid 2						
Undercoater Used No. Coats						
Primer for new work						
Method 1 Brush						
Reduction: Amount Reducer Used						
Method 2 Spray						
Reduction: Amount Reducer Used						
Drying Time: Touch 6-12 hrs Recoat 18-24 hrs Stencil						
Hard Sand Handle						
Tack Free Rub Wrap						
Baking Time and Temp. Tough						
Gloss Oil Film						
Special Tests						

FACTORY	FORMULA	SPEC. CARD
Exec. Cost Dept.	10-7-41	
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	"	

FORMULA RECORD			A125 5-44 2021	
Ex. No.		Date 1-9-45	Class	Rev. No. 307
Name Sultana House Paint Med. Gray		Card No. 4 Replaces No. 9		
POUNDS	GALLONS	MATERIAL NO.	Customer Export Only	
121		3	To Match Std.	
108		2188		
500		461S	Reason for Revision To revert to use of 412	
94	412 or	(47# 511	Replace (2310)F with (48). To	
		(47# 414	replace FW(509) which has been	
57		18	used off.	
214		(2)	Viscosity 25" #3 cup at hrs. after grind	
152		(48)	Viscosity at hrs. after grind	
127		(348)	% Solids(Run)	
27		(141)	Wt./Gal 114.12	
24		(31)	Baume	
3		(12)W	Std. of Fineness 2P	
5		OB2543	Normal Output 100	
9		OB104	Est. Mfg. Loss 2%	
3.74" oil/gal			Department	
			Package	
			Parallel No. 1	
			Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
			Label Analysis Checked-Date	
			Label: No Red ☒ ; Red ☐	
			New Std. Sample Required ☒	
			Date Rec'd	
			Mill	
			Bleed?	
			Lbs. or Gals. per hour	
			Approved	
			Formulator DFH <i>DFH</i>	
			Supt. <i>L76</i>	

0007-SWP-061093

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Application: Surface Int. Ext. No. Coats Solid

Printer for new work

Reduction: Amount.....Reducer Used.

Reduction: Amount Reducer Used.

Hard _____ **Sand** _____ **Handle** _____

Tack Free **Rub** **Wrap**

oss 992 Film Tough

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[illegible]

A188 4-13 3471

FORMULA RECORD

Exp. No. _____

Date 4-27-44

Cass _____

Box No. 307

Name Sultana House Paint Medium Gray

Card No. 13

Replaces No. _____

POUNDS	GALLONS	MATERIAL NO.	Customer
500		461L	Export Only
94		412	To Match Std.
57		18	
108		2188	Reason for Revision To conserve 20L
121		3	To use off stocks of 461L
214		(2)	To replace 413
152		(48)	
			Viscosity 25" 75deg. F. #3 at _____ hrs. after grind
127		(348)	Viscosity _____ at _____ hrs. after grind
27		(141)	% Solids (Run) _____
24		(31)	Wt./Gal. <u>114.09</u>
3		(12)W	Label Analysis Checked Date _____
5		QB 2543	Baume _____
9		QB 104	Label: No Red ☒ ; Red ☐
			Std. of Fineness <u>2P</u>
			New Std. Sample Required <u>no</u>
			Normal Output <u>100</u>
			Date Rec'd _____
			Est. Mfg. Loss <u>2%</u>
			Mill _____ Bleed? _____
			Department _____
			Lbs. or Gals. per hour _____
			Package _____
			Approved _____
			Formulator <u>CFW</u>
			Supt. <u>876</u>

3.74 lbs.

oil/gal

FORMULA RECORD			A135 4-12 3571	
Exp. No.	Date	Class	Rev. No.	Card No.
Name	Sultana House Paint Medium Gray		307	11 Replaces No.
POUNDS	GALLONS	MATERIAL No.	Customer Export	
500		461S	To Match Std.	
94		413		
57		18		
121		20L	Reason for Revision To replace 2564	
121		3	and 414W	
214		(2)		
152		(48)	Viscosity 25" #3 cup	
			Viscosity at hrs. after grind	
127		(348)	Viscosity at hrs. after grind	
27		(141)	% Solids (Run)	
24		(31)	Wt./Gal. T14.25	
3		(12)W	Baume	
5		CB	Std. of Fineness 2P	
9		L2B Base	Normal Output 100	
			Est. Mfg. Loss 2%	
			Department	
			Package	
			Parallel No.'s	
3.74 lbs. oil / gal			Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
			Label Analysis Checked-Date	
			Label: No Red ☐ ; Red ☐	
			New Std. Sample Required	
			Date Rec'd	
			Mill	
			Bleed?	
			Lbs. or Gals. per hour	
			Approved CFW	
			Formulator	
			Supt. L.H.	

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.	10-10-41	
Cleveland A		
Kensington C		10-10-41
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			A 135 1 12 1943	
Exp. No.	Date	1-20-43	Class	Refr. No. 307
Name	Dura-mix House Ft. Medium Gray		Card No. 9	See No.
POUNDS	GALLONS	MATERIAL NO.	Customer Trade in General	
72		414	To Match Standard	
79		18		
300		2564	Reason for Revision Eliminate Cobalt	
155		3		
160		20L		
374		(2)		
			Viscosity 25" #3 cup at hrs. after grind	
57		(48)	Viscosity at hrs. after grind	
106		(348)	% Solids (Run)	
21		(31)	Wt./Gal. T13104	
15		(12)W	Baume	
5		CB	Std. of Fineness 2P	
9		L2B Base	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	
			Formulator	
			Supt.	

0007-SWP-061099

FORMULA RECORD			A135 8-41 8-1251
Exp. No.	Date 9-10-42	Class	Rev. No. 307
Name	Dura-mix House Paint Medium Gray		Card No. 8 See No.

POUNDS	GALLONS	MATERIAL NO.	Customer Trace in General
72		414	To Match Standard
79		18	
300		2564	Reason for Revision - To replace unavail-
155		3	able liquids - reverting to
160		20L	20L
374		(2)	
37		(48)	Viscosity 25" #3 cup at hrs. after grind
103		(348)	Viscosity at hrs. after grind
21		(31)	Wt./Gal. 13.04
3		(1521)	Label Analysis Checked-Date
15		(12) W	Label: No Red ☒ Red ☐
5		(CB)	New Std. Sample Required EO
9		(L2B Base)	Date Rec'd
		()	Mill
		()	Lbs. or Gals. per hour
		()	Approved
		()	Formulator CFW
		()	Supt. 276

0007-SWP-061101

FORMULA RECORD

A135 8-41 S-1251

Exp. No. _____ Date 5-2-42 Class _____ Rex. No. 307
 Name Dura-mix House Paint Medium Gray Card No. 7 See No. _____

POUNDS	GALLONS	MATERIAL NO.
72		414
79		18
155		3
300		2564
100		2203
50		2201) or 150# of 20L
374		(2)
21		(31)
69		(2281)
71		(348)
3		(152)
15		(12) W
5		(CB Base
9		(L2B Base
		()
		()
		()
		()

Customer Trade in General
 To Match Standard
 Reason for Revision To replace 1526 & 20L reverting to 2564 dry
 Viscosity 25" 75deg. 43 cup at _____ hrs. after grind
 Viscosity _____ at _____ hrs. after grind
 Wt./Gal. 12.97
 Baume _____
 Std. of Fineness 2P
 Normal Output 100
 Est. Mfg. Loss 2%
 Department _____
 Parallel No's _____
 Label Analysis Checked-Date _____
 Label: No Red ☒ Red ☐
 New Std. Sample Required No
 Date Rec'd _____
 Mill _____
 Lbs. or Gals. per hour _____
 Approved _____
 Formulator DWG DWS
 Supt. L.F.B.

0007-SWP-061103

FORMULA RECORD

Exp. No. 11-75 Date 7/12/35 Rex. No. 307
 Name Family Paint French Gray Card No. 5 See No. 4

490 LBS. <u>411 B or 1526</u> 185 " <u>33 or 1194</u> 185 " <u>20 L 9-12-35</u> ? " <u>104</u> ? " <u>12007</u> ? " <u>19</u> " <u>1149 Base</u> 31 GALS. (<u>2</u>) 6 " (<u>213</u>) " (<u> </u>) 1 " (<u>12 H</u>) 17 " (<u>38</u>) 12 " (<u>348</u>) 9 " (<u>429</u>) " (<u> </u>) " (<u> </u>)	Customer <u>S. W. Co.</u> Trade Sales To Match <u>Established Product</u> <u>Identical with Rx 840</u> Weight Per Gal. <u>13.90</u> Visc. Baume. <u> </u> Std. of Fineness <u>2 M</u> ☐ Red ☒ No Label Required Lbs. Gals. per hour <u> </u> Mill <u>5-19-36</u> New Std. Sample Required <u>No</u> Date Rec'd <u> </u> Reason for Revision <u>To show preference for use of 411 B</u> S E E Normal Output <u>100</u> Approved Formulator <u> </u> Est. Mfg. Loss <u>2%</u> Department <u>B</u> <u> </u> Label Analysis Checked - Date <u> </u>
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CARD NO. 175

A125 6-35 3568

MANUFACTURING INSTRUCTIONS: *when revising see Card # 6 transfer file temporary formula*

Reduction: Amount				Reducer Used		PRODUCTION		
Int. or Ext.				Method		Date	Slip No.	Amount
Application: Surface <u>Wood or Metal</u>				<u>Brush & Spray</u>				
No. Coats <u>Solid 2</u>				Undercoater Used <u>Primer for new work</u>				
Drying Time: Touch <u>8-12 Hrs.</u> Handle <u> </u>				Recoat <u>18-24 Hrs.</u>				
Rub <u> </u> Sand <u> </u> Wrap <u> </u> Stencil <u> </u>								
Baking Time and Temp. <u> </u>								
Gloss <u>Oil</u> Film <u>Tough</u>								
Special Tests <u> </u>								

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>7-22-35</u>			ALLIED RESEARCH	<u>7-22-35</u>		
NEWARK	<u>"</u>			GIBBSBORO	<u>"</u>		
KENSINGTON	<u>"</u>			DAYTON	<u>3-7-38</u>		
OAKLAND	<u>"</u>			DETROIT	<u>"</u>		
DALLAS	<u>"</u>			LONDON	<u>"</u>		
LOS ANGELES	<u>"</u>			AUSTRALIA	<u>"</u>		
MONTREAL	<u>"</u>			<i>Argentina</i>	<u>7-3-40</u>		
PORT OF SPAIN	<u>"</u>						

0007-SWP-061105

MANUFACTURING INSTRUCTIONS:

Application: Surface **Ext. Wood** No. Coats
Undercoater Used No. Coats

Method 1 **Brush** Reducer Used
Method 2 Reducer Used

Reduction: Amount Reducer Used

Drying Time: Touch **6-10 hrs** Recoat **18 hrs.** Stencil
Hard Sand Handle
Tack Free Rub Wrap

Baking Time and Temp.

Gloss **Gloss** Film **Tough**

Special Tests

0007-SWP-061169

FORMULA RECORD			
Exp. No.	Date	Class	Rev. No.
	6-9-41	11 TS	307
Name	Family Paint French Gray		Card No. 8 See No. 7
4 LBS.	547	Customer	S-W
185	20 L	To Match	Std
185	33 or 1194	Wgt./Gal.	113.90
490	1526 or 411 B	Grind	2 M
?	BB 10 or BB 111	Label Required	None
?	BY 1 or 10617	Bo.	Visc.
?	BY 40	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	VOID SEP 15 1941 1962 41 Normal Output Est. Mfg. Loss Department Label Analysis Checked-Date	
33	(2)		
6	(213)		
	(38)		
22	(348)		
12	(183)		
1	()		
	()		
	()		
	()		

0007-SWP-061106

MANUFACTURING INSTRUCTIONS:

Application: Surface **Ext. Wood** No. Coats
Undercoater Used No. Coats

Method 1 **Brush**
Reduction: Amount Reducer Used

Method 2
Reduction: Amount Reducer Used

Drying Time: Touch **6-10 hrs** Recoat **18 hrs** Stencil
Hard Sand Handle
Tack Free Rub Wrap

Baking Time and Temp.
Gloss **Oil** Film **Tough**

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
Oakland
M. Sensor
Detroit
Los Angeles
Dallas
Dayton
Gibbsboro
Pittsburgh
Cuba
Montreal
Buenos Aires

0007-SWP-061171