

P. O. 21-1 15M 12-37

FORMULA RECORD

10-13-38

221

Ex. No. _____ Date _____ Rec. No. _____

Name Dura-mix House Paint Brown Card No. 2 See No. _____

31	LBS.	1220	Trade in General
57	"	1132	Customer
30	"	134	To Match
58	"	412 07 4123	Weight Per Gal. <u>10.28</u> Visc. <u>25-50"</u> #3 nozzle
5	"	1140	Banma
1	"	104	Std. of Fineness
6	"	1128	Lbs. Gals. per hour
221	"	20L	New Std. Sample Required
211	"	(2)	Reason for Revision
588	"	Paste Wt.	Replace 2503 dry with 1132 dry
211	"	(629)	Change name to Dura-mix
211	"	(2984) EN	
18	"	(348)	
7	"	(51)	
2	"	(152)	
7	"	BY163	
7	"	07	

Normal Output 100 Approved 12/2/38

Est. Mfg. Loss 2% Formulator Stella

Department _____ Supt. _____

Label Analysis Checked-Date _____

MANUFACTURING INSTRUCTIONS:

Reduction: Amount	<u>Wood</u>	Reducer Used	<u>Brush</u>	PRODUCTION		
Application: Surface	<u>Wood</u>	Method	<u>Brush</u>	Date	Slip No.	Amount
No. Coats	<u>12-18 hrs.</u>	Undercoater Used	<u>4-5 days</u>			
Drying Time: Touch	<u>Handle</u>	Recoat	<u>4-5 days</u>			
Roll	<u>Sand</u>	Wrap	<u>Stencil</u>			
Baking Time and Temp	<u>1</u>	Hard Film Tough				
Gloss	<u>Film</u>					
Special Tests						

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND				ALLIED RESEARCH			
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							
COSTA DE							

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood No. Coats _____
Undercoater Used _____ No. Coats _____

Method 1 Brush
Reduction: Amount _____ Reducer Used _____

Method 2 _____
Reduction: Amount _____ Reducer Used _____

Drying Time: Touch 18 hrs Recoat 48 hrs Stencil _____
Hard _____ Sand _____ Handle _____
Tack Free _____ Rub _____ Wrap _____

Baking Time and Temp _____
Gloss Gloss 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	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	

P. O. 221-C 1-14 (2-2)

FORMULA RECORD

Exp. No. _____ Date 2-28-68 Fax. No. 301

Name Trade in General Card No. _____ See No. _____

21	LBS	1220	Customer <u>Trade in General</u>
27	"	2503	To Match <u>STANDARD</u>
30	"	124	
52	"	412	Weight Per Gal. <u>110.25</u> Visc. <u>25" to 30" #3 Nozzle</u>
5	"	1140	Baume. _____ Std. of Fineness <u>2 P</u> ☐ Red ☒ No Label Required
1	"	104	Lbs. Gals. per hour _____ Mill _____
6	"	1128	New Std. Sample Required <u>Yes</u> Date Rec'd _____
221	"	20-L	Reason for Revision _____
210	"	(2)	<u>new material</u>
587	"	Pasta	
210	"	(029)	
210	"	(9084)E	
18	"	(548)	
7	"	(51)	Normal Output <u>100</u> Approved _____
2	"	(162)	Est. Mfg. Loss <u>2</u> Formulator _____
9	"	3A 168	Department _____ Supt. _____
?	"	O Y	Label Analysis Checked-Date _____

MANUFACTURING INSTRUCTIONS

Reduction: Amount _____ Reducer Used _____

Application: Surface wood Method Brush

No. Coats _____ Undercoater Used _____

Drying Time: Touch 12-18 hrs Recoat 4-5 days

Rob _____ Sand _____ Wrap _____ Stencil _____

Baking Time and Temp _____

Gloss 0.1 Film Hard & Tough

Special Tests _____

FACTORY				PRODUCTION			
FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND				ALLIED RESEARCH			
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON			
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							
COST DEPT.							

MANUFACTURING INSTRUCTIONS:

Application: Surface wood No. Coats _____

Undercoater Used _____ No. Coats _____

Method 1 Brush

Reduction: Amount _____ Reducer Used _____

Method 2 _____

Reduction: Amount _____ Reducer Used _____

Drying Time: Touch 1 hr Recoat 48 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	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			REV. NO. 321	
CONTRACT LAB		Gibbsboro	DATE	5-16-49
NAME		Sultara House Paint Brown	RECORD NO.	17
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER Export	
45	1.19	1220	TO MATCH Std	
105	3.88	25 or 1213	REASON FOR REVISION	
95	1.95	412	To eliminate (2317) and EV 51	
6	.08	1128		
161	6.78	20		
199	26	EV 74		
35	5 1/2	(348)	VISCOSITY 25" 75 deg F HRS AFTER GRIND	
			VISCOSITY 75" 75 deg F HRS AFTER GRIND	
50	6 1/2	EV 74	SOLIDS (GUND)	
61	7 1/2	(3071)	ROYALTY: ITS D, FOD, XE, WD	
130	17 1/2	(2848) E	WT/GAL T 10-26 LABEL ANALYSIS CHECKED DATE	
162	25	(219)	BAUME LABEL NO. RED D, RED D	
75	1	(4250)	STD. OF FINENESS 3 NEW STD. SAMPLE REQUIRED	
38	1/2	(1231)	NORMAL OUTPUT 100 DATE REC'D	
			MFG. LOSS 3% Mill Ball - 10 hrs feed	
			DE. ENT LBS. OR GALS. PER HOUR	
			PACKAGE APPROVED	
			PARALLEL NO. 3 FORMULATOR P. J. Howell	
			D. J. Houscholtz	

0007-SWP-061166

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood No. Coats

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 15hrs Recoat 48hrs 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 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 9-17-2543	
Exp. No.	Date	Class	Rev. No.	Card No.
	2-3-47		121	13
Name Sultana House Paint Brn			Replaces No.	
POUNDS	GALLONS	MATERIAL No.	Customer	Report
45	1.19	1220	To Match	Std.
105	3.50	25 or 1213	Reason for Revision	
95	2.00	412	ALTERNATE FORMULA	
6	.08	12500	To provide ball mill formula.	
161	6.84	20 L	Viscosity	25" 75 Hag. #3 output
169	21	(2317)	Viscosity	at
182	17-1/2	FW 51	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐	
101	15-1/2	(348)	Label Analysis Checked-Date	
40	5	(2317)	Label: No Red ☐ ; Red ☐	
61	7-1/2	(3071)	New Std. Sample Required	
140	21-1/2	(348)	Date Rec'd	
7-1/2	1	(4230)	Mill Ball	
3-1/2	1/2	(543)	Bleed?	
BALL MILL GRIND			Lbs. or Gals. per hour	
			Approved A J No 1	
			Formulator	
			Supl. DF Householder	

Application: Surface Est. Wood No. Coats _____
Undercoat Used _____ No. Coats _____

Reduction: Amount	Reducer Used
100%	100%
90%	90%
80%	80%
70%	70%
60%	60%
50%	50%
40%	40%
30%	30%
20%	20%
10%	10%
0%	0%

Reduction: Amount	Reducer Used
100%	100%
90%	90%
80%	80%
70%	70%
60%	60%
50%	50%
40%	40%
30%	30%
20%	20%
10%	10%
0%	0%

Hard Sand Handle

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

Baking Time and Temp. _____

Gloss. Vel Film. Tough

Special Tests _____

[illegible]

0007-SWP-061234

FORMULA RECORD			A135 BLUE 9-46 2563 D		
Exp. No.		D2-3-47		Class	
Name		Saltana House Paint Brown		Card No. 321	
Replaces No.					
POUNDS	GALLONS	MATERIAL No.	Customer Export		
45	1.19	1220	To Match Std.		
105	3.50	25 or 1213	Reason for Revision		
95	2.00	412	To non-solvent lined oil		
6	.08	12500	Viscosity 25" 75 deg. #3 cup at hrs. after grind		
161	6.84	20 L	Viscosity at hrs. after grind		
169	21	(2317)	Solids (Run)		
69	10-1/2	(348)	WL 610.31		
40	5	(2317)	Baume		
61	7-1/2	(3071)	Std. of Fineness 3		
132	17-1/2	71 51	Normal Output 100		
170	26-1/2	(348)	Est. Mfg. Loss 35		
7-1/2	1	(420)	Department		
3-1/2	1/2	(549)	Package		
			Parallel No.'s		
			Lbs. or Gals. per hour		
			Approved A J Noll		
			Formulator		
			Householder		

0007-SWP-061170

MANUFACTURING INSTRUCTIONS:

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

Method 1 _____ **Brush**

Reduction: Amount _____ Reducer Used _____

Reduction: Amount _____ Reducer Used _____
Method 2 _____

Method 2

Reduction: Amount _____ **Reducer Used** _____

Reduction: Amount _____ Reducer Used _____

Drying Time: Touch 18 hrs Recoat 48 hrs Stencil _____
Hard _____ Sand _____ Handle _____

Hard	Sand	Handle
Tack Free	Rub	Wrap

Tack Free _____ Rub _____ Wrap _____
Baking Time and Temp _____

Baking Time and Temp. _____
Gloss Oil **Film** Touch

Gloss Oil Film Tough
Special Tests

Special Tests

[illegible]

FORMULA RECORD			A135 BLUE 11-13-24-1	
Exp. No.	Date	9-17-46	Class	Box No. 321
Name	Sultana House Paint Brown		Card No. 12	Replaces No.
POUNDS	GALLONS	MATERIAL NO.	Customer	Export
45	1.19	1220	To Match Std.	ALTERNATE FORMULA
105	3.50	1213	Reason for Revision	To provide an alternate for ball mill operation
95	2.	414 or 412	BALL MILL GRIND	
6	.08	1095	Viscosity	20-25 #3 at hrs. after grind
161	6.84	20L	Viscosity	at hrs. after grind
169	20.96	(2317)	% Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
132	17.60	X70635	Wt./Gal. 110.33	Label Analysis Checked-Date
100	15.38	(348)	Baume	Label: No Red ☐ ; Red ☐
130	19.99	(348)	Std. of Fineness 3	New Std. Sample Required No
100	12.40	(2317)	Normal Output 100	Date Rec'd
11	1.45	(4230)	Est. Mfg. Loss 3%	Mill Bleed?
7	.99	(4231)	Department	Lbs. or Gals. per hour
4	.57	(4232)	Package	Approved A J Noll
?		CB 104	Parallel No.'s	Formulator
?		OB12311		Supt. D. Householder

0007-SWP-061172

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 *18 hrs* Recoat *48 hrs* Stencil
Hard Sand Handle
Tack Free Rub Wrap

Baking Time and Temp.
Gloss *Rel* 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	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

Exp. No. _____ Date 11-1-35 Rex. No. 321

Name Family Paint Sky Blue Card No. 5 See No. 4

210	LBS.	461A C	Customer	S.W.Co. Trade Sales
210	"	1526	To Match	Established Product
280	"	20 L	Identical with <u>280</u> 842	
7	"	BL 102	Weight Per Gal	<u>12.70</u> Visc
7	"	BL 120	Barrel	<u>2.4</u> Std. Efficiency
	"		35	DK Gals. per hour <u>30"</u> Mill
	"	1070# Base	New Std. Sample Required	<u>Yes</u> Date Rec'd
	"		Reason for Revision <u>To reduce grinding expense and to replace (196).</u>	
34	GALS.	(<u>48</u>) (<u>1539</u>)	APPROVED <i>Refer to A. L. R</i>	
15	"	(<u>348</u>)		
12	"	(<u>1184</u>)		
2	"	(<u>440</u>)		
17	"	(<u>348</u>)		
	"	()	Normal Output	<u>100</u> Approved Formulator <i>[Signature]</i>
	"	()	Est. Mfg. Loss	<u>3%</u>
	"	()	Department	<u>B</u> Supt. <i>A. B. Einbender</i>
X	"	()	Label Analysis Checked - Date	<u>7/1</u> A135 9-35 2538

MANUFACTURING INSTRUCTIONS *when revising*
Ref. Card # 6 to Manufacturing file

Hiding Power: Good

Reduction: Amount _____ Reducer Used _____

Application: Surface or Metal, Int. or Ext. Method Brush

No. Coats Solid Two Undercoater Used Primer for new work

Drying Time: Touch 8-12 hrs. Handle Recoat 18-24 hrs.

Roll _____ Sand _____ Wrap _____ Stencil _____

Baking Time and Temp. _____

Gloss Oil Film Tough

Special Tests _____

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>11-6-35</u>			ALLIED RESEARCH	<u>11-6-35</u>		
NEWARK				GIBBSBORO			
FRENSINGTON				DAYTON	<u>3-7-31</u>		
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							
COSTA MESA							

0007-SWP-061174

FORMULA RECORD			A135 8-11 3038	
Exo. No.	Date	Class	Rev. No.	See No.
Name	Family Paint Sky Blue		Card No. 8	7
POUNDS	GALLONS	MATERIAL NO.	Customer SW Co.	
260		20 L	To Match Std.	
210		461 S	Reason for Revision Replacing (2391) and (2325) with (48). Also using 414	
210		414	dry in place 1526 on equal	
?		BL 1	pound basis.	
?		BL 20		
VOID				
DATE / - BY <i>SLB</i>			Viscosity 21" #3 @ 75° at hrs. after grind	
			Viscosity at hrs. after grind	
			Wt. Gal. 112.54	
34 (48)			Label Analysis Checked-Date	
8 1/2 (348)			Label: No Red ☐ ; Red ☐	
()			New Std. Sample Required 169	
9 (2841) G			Date Rec'd	
4 (183)			Mill	
25 (348)			Lbs. or Gals. per hour	
()			Approved <i>W. R. ...</i>	
()			Formulator	
()			Supt. <i>...</i>	
()				

0007-SWP-061175

MANUFACTURING INSTRUCTIONS:

Application: Surface Wood No. Coats

Undercoater Used No. Coats

Method 1 Brush

Reduction: Amount Reducer Used

Method 2

Reduction: Amount Reducer Used

Drying Time: Touch 18 hrs Recoat 48 hrs 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	