

P. O. BOX 12-17 FORMULA RECORD

Ex. No. 10-73-32 Date 721

Name Dura-mix House Paint Brown Rex. No. 2

Card No. 2 See No.

31	LBS.	1220	Trade in General
57	"	1132	Customer
50	"	134	To Match Standard
58	"	412 OF 4123	Weight Per Gal. 10.28 Visc. 25-50" #3 nozzle
5	"	1140	Banma Std. of Fineness 2 p ☐ Red ☐ No Label Required
1	"	104	Lbs. Gals. per hour MRL
6	"	1128	New Std. Sample Required 163 Date Rec'd
221	"	201	Reason for Revision
211	"	(2)	Replace 2503 dry with 1132 dry
588	"	Paste Wt.	Change name to Dura-mix
211	"	(629)	
211	"	(2984) EN	
18	"	(348)	
7	"	(51)	
2	"	(152)	
7	"	RY163	
7	"	QY	

Normal Output 100 Approved Formulator *H. J. Francis*

Est. Mfg. Loss 2% Supt. *S. H. L.*

Department Supt.

Label Analysis Checked Date

MANUFACTURING INSTRUCTIONS:

Reduction: Amount				Reduction Used				PRODUCTION		
Application: Surface				Method				Date	Slip No.	Amount
No. Coats				Undercoater Used						
Drying Time: Touch				Recoat						
Rub				Stencil						
Baking Time and Temp.				Baking Time and Temp.						
Gloss				Film						
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 RICA							

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 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	

P. O. 221-C 11M (2-2)

FORMULA RECORD

Exp. No. 3-29-65 Date 3-29-65 For. No. 321
 Name W. E. MOYER JR. JR. Card No. 7 See No. 1

31	LBS	1220	Customer	Trade in General		
27	"	2503	To Match	Standard		
30	"	124	Weight Per Gal.	110.25 Visc. 25 " to 30" #3 Nozzle		
52	"	412	Baume	Std. of Fineness 2 P ☐ Red ☐ No Label Required		
5	"	1140		Lbs. Gals. per hour		
1	"	104	New Std. Sample Required	Yes		
6	"	1142	Reason for Revision	Low Material		
221	"	20-L		Data Rec'd		
210	"	(2)				
52V	"	Pasta				
210	"	(229)				
210	"	(9984)EL				
18	"	(548)				
7	"	(51)	Normal Output	100 Approved		
2	"	(1152)	Est. Mfg. Loss	2% Formulator		
?	"	23 165	Department	Supt.		
?	"	C Y	Label Analysis Checked-Date			

MANUFACTURING INSTRUCTIONS:

Reduction: Amount Wood Reducer Used Brush
 Application: Surface Wood Method Brush
 No. Coats 12-18 Undercoater Used None
 Drying Time: Touch 12-18 Recoat 4-5
 Rub Sand Wipe Starch
 Baking Time and Temp Hard & Tough
 Gloss Matte 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.							

0007-SWP-061165

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 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.
CONTROLLING		Gibbsboro	5-16-49
NAME		Sultara House Paint Brown	321
			17
POUNDS	GALLONS	MATERIAL NO.	CUSTOMER
45	1.19	1220	Estad
105	3.88	25 6 1213	TO MATCH
95	1.95	112	REASON FOR REVISION
6	.03	1128	To eliminate (2317) and EV 51
161	6.78	20	
133	26	EV 71	
35	5 1/2	(318)	VISCOSITY 25" 75 HRS. AFTER GRIND
			VISCOSITY 75" 75 HRS. AFTER GRIND
50	6 1/2	EV 71	ROYALTY YES ☐ NO ☐ H.D. ☐ W.D. ☐
61	7 1/2	(3071)	LABEL ANALYSIS CHECKED-DATE
130	17 1/2	(2818)E	LABEL NO. RED ☐ RED ☐
162	25	(118)	NEW STD. SAMPLE REQUIRED
71	1	(423)	DATE REC'D
31	1/2	(4231)	MILL Ball-10 h.t.e. feed
			DE. %
			PACKAGE
			PARALLEL NO. 3
			APPROVED
			FORMULATOR P. J. Howell
			W. D. Howell

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 **18hrs** 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	Box No.	Card No.
2-3-47			321	13
Name Sultana House Paint Brn			Replaces No.	
POUNDS	GALLONS	MATERIAL No.	Customer Export	Art. 1
45	1.19	1220	To Match Std.	
105	3.50	25 or 1213	ALTERNATE FORMULA	
95	2.00	412	Reason for Revision	
6	.08	12500	To provide ball mill formula.	
161	6.84	20 L	Viscosity 25" 75 dag.	#1 cup at hrs. after grind
169	21	(2317)	Viscosity	at hrs. after grind
182	17-1/2	FI 51	2 Solids (Run)	Royalty: Yes ☐ ; No ☐ ; X ☐ ; W ☐
101	15-1/2	(348)	Wt./Gal 110.34	Label Analysis Checked-Date
40	5	(2317)	Baume	Label: No Red ☐ ; Red ☐
61	7-1/2	(3071)	Std. of Fineness 3	New Std. Sample Required
140	21-1/2	(348)	Normal Output 100	Date Rec'd
7-1/2	1	(4230)	Est. Mfg. Loss 3%	Mill Ball Bleed?
3-1/2	1/2	(543)	Department	Lbs. or Gals. per hour
BALL MILL GRIND			Package	Approved A J No. 1
			Parallel No.'s	Formulator
			Supt. DF Householder <i>DFH</i>	

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 *10 hrs* Recoat *4 hrs* Stencil

Hard Sand Handle

Tack Free Rub Wrap

Baking Time and Temp.

Gloss *Vel* 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

0007-SWP-061234

FORMULA RECORD			A135 BLUE 9-46 2561 D	
Exp. No. 02-3-47		Class		
Name Sultana 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 conserve linseed oil.	
6	.08	12500	Viscosity 25° 75 deg. #1 sup 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 510.31	
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 3	
7-1/2	1	(4230)	Department	
3-1/2	1/2	(549)	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 ☐ Bleed?	
			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	
Method 2			
Reduction: Amount		Reducer Used	
Drying Time: Touch	18 hrs	Recoat	48 hrs
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	

0007-SWP-061236

FORMULA RECORD			A135 BLUE 11-15-2021	
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	170635	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
7	.99	(4231)	Department	Bleed?
4	.57	(4232)	Package	Lbs. or Gals. per hour
?		CB 104	Parallel No.'s	Approved A J Noll
?		OB12311		Formulator
				Supt. DEHouseholder

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 *40 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>842</u>	
?	"	BL 102	Weight Per Gal.	<u>12.70</u> Visc. <u>11</u>
?	"	BL 120	Barrel	<u>2</u> M. ☐ Red ☒ No Label Required
"	"	"	35	Max Gals. per hour <u>30</u> Mill
"	"	1070# Base	New Std. Sample Required	Yes Date Rec'd _____
"	"	"	Reason for Revision <u>To reduce grinding expense and to replace (196).</u>	
34	GALS.	(48) (1539)	APPROVED Refer to <u>A. L. R</u>	
15	"	(348)		
12	"	(1164)		
2	"	(440)		
17	"	(348)		
"	"	()	Normal Output	100 Approved Formulator <u>[Signature]</u>
"	"	()	Est. Mfg. Loss	3%
"	"	()	Department	B. Supt. <u>A. B. Eimbeck</u>
X	"	()	Label Analysis Checked	Date <u>11-1-35</u> A135 9-35 2538

MANUFACTURING INSTRUCTIONS: when revising
Ref. # 6 to Manufacturing

Hiding Power: Good

Reduction: Amount _____	Reducer Used _____	PRODUCTION		
Application: <u>Surfaces or Metal, Interior Exterior</u>	Method: <u>Brush</u>	Date	Slip No.	Amount
No. Coats: <u>Solid Two</u>	Undercoater Used: <u>Primer for new work</u>			
Drying Time: <u>Touch 8-12 hrs. Handle</u>	Recoat: <u>18-24 hrs</u>			
Rob: <u>Sand</u>	Wrap: _____			
Baking Time and Temp. _____	Stencil: _____			
Gloss: <u>Oil</u>	Film: <u>Tough</u>			
Special Tests _____				

FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE	FACTORY	FORMULA	SPEC. CARD	STD. SAMPLE
CLEVELAND	<u>1-6-35</u>			ALLIED RESEARCH	<u>1-6-35</u>		
NEWARK				GIBBSBORO			
KENSINGTON				DAYTON	<u>3-7-35</u>		
OAKLAND				DETROIT			
DALLAS				LONDON			
LOS ANGELES				AUSTRALIA			
MONTREAL							
COSTA MESA							

0007-SWP-061174

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

Method 1

Reduction: Amount

Reducer Used

Method 2

Reduction: Amount

Reducer Used

Drying Time: Touch 10 hrs Recoat 48 hrs Stencil

Hard

Sand

Handle

Tack Free

Rub

Wrap

Baking Time and Temp.

Gloss

Film

Special Tests

[illegible]

FORMULA RECORD			A135 8-11-3038	
Exo. No.		Date	Class	Rev. No.
		10-30-42	11 TS	321
Name		Card No.		See No.
Family Paint Sky Blue		8		7
POUNDS	GALLONS	MATERIAL NO.	Customer	
260		20 L	SW Co.	
210		461 S	To Match	
210		414	Std.	
?		BL 1	Reason for Revision	
?		BL 20	Replacing (2381) and (2325) with (48). Also using 414	
VOID			dry in place 1526 on equal	
			pound basis.	
DATE		BY	Viscosity	
11-5-42		SLB	21" #3 @ 75° at	
			hrs. after grind	
			Viscosity	
			at	
			hrs. after grind	
			Wet Gal. 112.54	
			Label Analysis Checked-Date	
			Label: No Red ☐ ; Red ☐	
			New Std. Sample Required	
			Date Rec'd	
			Mill	
			Lbs. or Gals. per hour	
			Approved	
			Formulator	
			Supt.	
	34	(48)		
	8 1/2	(348)		
		()		
	9	(2841)G		
	4	(183)		
	25	(348)		
		()		
		()		
		()		

0007-SWP-061175

Undercoater Used _____ **No. Coats** _____

Reduction: Amount _____ Reducer Used _____

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 Hand

Baking Time and Temp. _____

G'os: Carl Film: Wangle

[illegible]