

4-180 Sci 6

Formula Y-1234

Date 1-29-1925, Old No.

Classification

N12387

GLD060198

FORMULA RECORD

Date: June 1943 Page: 37-38 Name: John Doe

Formula	Qty. Data			Gross Data			Net Data			Remarks
	Vol.	Wt.	Gr.	Vol.	Wt.	Gr.	Vol.	Wt.	Gr.	
1. 100	100	100	100	100	100	100	100	100	100	Initial
2. 117	117	117	117	117	117	117	117	117	117	Initial
3. 166	166	166	166	166	166	166	166	166	166	Initial
4. 202	202	202	202	202	202	202	202	202	202	Initial
5. 219	219	219	219	219	219	219	219	219	219	Initial
6. 235	235	235	235	235	235	235	235	235	235	Initial
7. 249	249	249	249	249	249	249	249	249	249	Initial
8. 263	263	263	263	263	263	263	263	263	263	Initial
9. 277	277	277	277	277	277	277	277	277	277	Initial
10. 291	291	291	291	291	291	291	291	291	291	Initial
11. 305	305	305	305	305	305	305	305	305	305	Initial
12. 319	319	319	319	319	319	319	319	319	319	Initial
13. 333	333	333	333	333	333	333	333	333	333	Initial
14. 347	347	347	347	347	347	347	347	347	347	Initial
15. 361	361	361	361	361	361	361	361	361	361	Initial
16. 375	375	375	375	375	375	375	375	375	375	Initial
17. 389	389	389	389	389	389	389	389	389	389	Initial
18. 403	403	403	403	403	403	403	403	403	403	Initial
19. 417	417	417	417	417	417	417	417	417	417	Initial
20. 431	431	431	431	431	431	431	431	431	431	Initial
21. 445	445	445	445	445	445	445	445	445	445	Initial
22. 459	459	459	459	459	459	459	459	459	459	Initial
23. 473	473	473	473	473	473	473	473	473	473	Initial
24. 487	487	487	487	487	487	487	487	487	487	Initial
25. 501	501	501	501	501	501	501	501	501	501	Initial
26. 515	515	515	515	515	515	515	515	515	515	Initial
27. 529	529	529	529	529	529	529	529	529	529	Initial
28. 543	543	543	543	543	543	543	543	543	543	Initial
29. 557	557	557	557	557	557	557	557	557	557	Initial
30. 571	571	571	571	571	571	571	571	571	571	Initial
31. 585	585	585	585	585	585	585	585	585	585	Initial
32. 599	599	599	599	599	599	599	599	599	599	Initial
33. 613	613	613	613	613	613	613	613	613	613	Initial
34. 627	627	627	627	627	627	627	627	627	627	Initial
35. 641	641	641	641	641	641	641	641	641	641	Initial
36. 655	655	655	655	655	655	655	655	655	655	Initial
37. 669	669	669	669	669	669	669	669	669	669	Initial
38. 683	683	683	683	683	683	683	683	683	683	Initial
39. 697	697	697	697	697	697	697	697	697	697	Initial
40. 711	711	711	711	711	711	711	711	711	711	Initial
41. 725	725	725	725	725	725	725	725	725	725	Initial
42. 739	739	739	739	739	739	739	739	739	739	Initial
43. 753	753	753	753	753	753	753	753	753	753	Initial
44. 767	767	767	767	767	767	767	767	767	767	Initial
45. 781	781	781	781	781	781	781	781	781	781	Initial
46. 795	795	795	795	795	795	795	795	795	795	Initial
47. 809	809	809	809	809	809	809	809	809	809	Initial
48. 823	823	823	823	823	823	823	823	823	823	Initial
49. 837	837	837	837	837	837	837	837	837	837	Initial
50. 851	851	851	851	851	851	851	851	851	851	Initial
51. 865	865	865	865	865	865	865	865	865	865	Initial
52. 879	879	879	879	879	879	879	879	879	879	Initial
53. 893	893	893	893	893	893	893	893	893	893	Initial
54. 907	907	907	907	907	907	907	907	907	907	Initial
55. 921	921	921	921	921	921	921	921	921	921	Initial
56. 935	935	935	935	935	935	935	935	935	935	Initial
57. 949	949	949	949	949	949	949	949	949	949	Initial
58. 963	963	963	963	963	963	963	963	963	963	Initial
59. 977	977	977	977	977	977	977	977	977	977	Initial
60. 991	991	991	991	991	991	991	991	991	991	Initial

DISCONTINUED
 SEE PAGE 38

FORMULA RECORD

Goods Gate Green Catholic Engr.

Formula No. _____

41234

Consistency

Lophoceros

Date 3-1-35

Laboratory No.

For Use on

Cost Classification

[illegible]

DISCONTINUED

SEE
SEE 1-12342

Yield

GLD060201

500-50M 6-40 PRINTED IN U.S.A. (W.P.)

FORMULA RECORD

Goods *Jabulac, from: Made in U.S.A.*

Formula No. *V1234C*

Consistency *Liquid*

Date *1/14/41*

Laboratory No.

For Use on

Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
<i>41153</i>			<i>10</i>	<i>130</i>						Grind <i>u.</i>
<i>1069</i>		<i>3</i>	<i>6</i>	<i>1</i>						Kind of Mill <i>Stone</i>
<i>103</i>			<i>4</i>	<i>1</i>						Strainer
										Weight per Gallon <i>10 1/4</i>
<i>1850</i>	<i>3 3/4</i>									Light Baume Temp.
<i>1318</i>	<i>3 3/4</i>									Heavy Baume Temp.
<i>543</i>	<i>1/2</i>									Viscosity <i>10-120</i> Temp.
										Viscosimeter
<i>829</i>			<i>2</i>	<i>100 to 100</i>						Flash Point
<i>827</i>			<i>1</i>	<i>1/4</i>						Is Agitator Required
										Remarks <i>Harvard</i>
<i>93V2</i>			<i>1/2</i>							<i>Open</i>
<i>93B7</i>			<i>1/4</i>							<i>JPW</i>
										<i>Match porcelain</i>
<i>Grand in 1850</i>										<i>Pans</i>
										<i>Discontinued</i>
										<i>See V1234D</i>
Yield										

GLD060202

COST DEPARTMENT RECORD

Goods JAP-A-LAC ENAMEL - JADE GREEN Classified Formula No. 41234D/06
 Consistency _____ Date 12/11/41 Laboratory Formula No. _____
 For Use on _____ Factory Letter No. R-101-047
 Customer _____ Production No. _____
 Cost Classification _____

Ingredient Code Number	Lot by Formula	Large Batch		Do not write in these columns For Cost Department Use Only						Manufacturing Specifications	
		Pounds	Gallons								
<u>W-133</u>		<u>40</u>								Grind	<u>A</u>
<u>W-77</u>		<u>216</u>								Kind of Mill	<u>Stone</u>
<u>G-3</u>		<u>16</u>								Strainer	
										Weight per Gallon	
<u>2KB74</u>		<u>44</u>								Light Bourne	Temp
<u>RVL-1273</u>		<u>16</u>								Heavy Bourne	Temp
<u>S-43</u>		<u>4</u>								Viscosity	<u>140' 55"</u> Temp <u>80°</u>
<u>D-40</u>		<u>3/4</u>								Viscosimeter	<u>#4 Ford</u>
<u>CH-189 Smls</u>		<u>112</u>	<u>18.03</u>							Flash Point	
										Is Agitator Required	
										Formulator	<u>J. FRYCE</u>

GLD060203

FORMULA RECORD

Goods

Vibralge Enamel Trade Green

Formula No.

Y1234G

Consistency

Liquid

Date 10.27/43

Laboratory No.

For Use on

Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Plots	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
11/69		5	14					470		Grind <i>A</i>
G 3			4					20		Kind of Mill <i>Stone</i>
11/308			1					5		Strainer
1706S	4						40			Weight per Gallon <i>11.2</i>
1705CL	4						40			Light Baume Temp.
										Heavy Baume Temp.
										Viscosity <i>10-120</i> Temp.
9342			$\frac{1}{2}$ oz					2	8	Viscosimeter #4 Ford
93B7			$\frac{1}{4}$ " "					1	4	Flash Point.
										Is Agitator Required
929			2 <i>oz</i>				$\frac{1}{4}$			Remarks
92A			1 <i>oz</i>				$\frac{1}{8}$			<i>Harwood</i>
Changed to replace Titanium Oxide										
DISCONTINUED										
SEE Y1234H 3/23/45										
Yield										

GLD060205

FORMULA RECORD

Formula No. 37.0

Date 9-10-45

Laboratory No. 7-1244-3

Cost Classification 27

Standard Formula.
Not to be taken
from File.

GLD060207

FORMULA RECORD

Goods

Formula No.

Consistency

Date _____

Laboratory No.

For Use on

Cost Classification

[illegible]

DISCONTINUED

SEY 2346

GLD060208

FORMULA RECORD

Goods Japanes Jade Green Emerald Formula No. Temp. 11234
 Consistency Liquid Date 2-4-48 Laboratory No. _____
 For Use on _____ Cost Classification _____

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Oz.	Gals.	Lbs.	Oz.	Gals.	Lbs.	Oz.	
W-69		3	6							Grind <u>7-8</u>
W-91			10							Kind of Mill <u>Public</u>
W-104			2							Strainer
E-3			3 3/4							Weight per Gallon <u>10.6 #</u>
W-2			3							Light Baume Temp.
465A Dimples										Heavy Baume Temp.
1240 Dimples			3 3/4							Viscosity <u>80-90</u> Temp.
V-357		4 3/4								Viscosimeter <u>4 Cup</u>
S-43		1/2								Flash Point
J-44			2 Lbs / gal							Is Agitator Required
J-29			2 " " "							Remarks
Formula to be used until 1-25-48 available										Match for Standard
Yield										Unit for Processing
										Full Body
										See Process in 465A
										Q. D. to reconstitute
										24 hrs.
										H G H

GLD060209

FORMULA RECORD

Goods *Japalac Enamel Jade Green*
 Consistency *Liquid*
 For Use on

Formula No. *Y-1234I*
 Date *6-16-47* Laboratory No.
 Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Cals.	Lbs.	Ozs.	Cals.	Lbs.	Ozs.	
W-69		3	6					270		Grind 7-8
W-143			10					50		Kind of Mill Roller
W-104			2					10		Strainer Roller
R-3			3 3/4					18 3/4		Weight per Gallon 10.6#
YW-2			3					15		Light Baume Temp.
V-858	5							50		Heavy Baume Temp.
V-119	1 1/4							12 1/2		Viscosity 80-90 Temp.
V-159	1 1/4							12 1/2		Viscosimeter #4 Ford Cup
S-43	1 1/2							5		Flash Point
D-27			2 Pts					1 1/4		Is Agitator Required
D-29			2 1/2					1 1/4		Remarks Match Std Sample to Chip Y-1234
Changed to new quality										
Johnston										

Standard Formula

Active

Discontinued 24-1234

See yield 24-48

Standard Formula
 Active
 Discontinued *Y-1234I*
 See Field *Y-4-48*

GLD060211 PRINTED IN U.S.A. CONT.

GOODS Japalac Jade Green Enamel

FORMULA RECORD

FORMULA NO. Y-1234-J (Temp)

CONSISTENCY Liquid

LABORATORY NO.

FOR USE ON

COST CLASS.

DATE 9/10/50

CUSTOMER

STRAINER

GRIND 7-B

MILL Pebble

WT. OR BE 10-3/4

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.B. 80-90"	TEMP.
W-69		3	5		265		VISC. RED.	TEMP.
W-91			10		50		VISCOSIMETER #4 Cup	
W-104			2		10		COLOR Green	GREEN Gloss
G-3			4		20		NON VOL.	FLASH PT. 100°
W-2			2-1/4		11-1/4		MATCH FOR Y-1234 Porcelain	
Witecarb "R"			4		20		REDUCER S-43	
M-333			1/2		2-1/2		ANT. FOR BRUSHING	
CH-185			1/2		2-1/2		SPRAYING	TUMBLING
V-872	3-1/2			35			DIPPING	DRIP TIME
V-357	4-1/4			42-1/2			BAKE	TEMP.
S-90	1/8			1-1/4			AIR DRIES IN 4-6 hrs.	
S-43	1/8			1-1/4			A. D. TO RECOAT IN 24 hrs	
D-29		2 Ltg oz/gal	1-1/4				REMARKS:	
D-75		2 " " "	1-1/4				Standard Formula Not to be taken from file.	
CH-243		1/8 " " "	10 Ltg oz.					
RL-8721		1/8 " " "	10 Ltg oz.					
To be used when W-140 is not available							FORMULATOR H. G. H.	
YIELD								26-1

GLD060211

FORMULA RECORD

Goods *Capalac Enamel Jade Green*

Formula No. *41234-H*

Consistency *Liquid*

Date *3-23-45*

Laboratory No.

For Use on

Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Flints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
<i>W143</i>			<i>10</i>					<i>50</i>		Grind <i>A</i>
<i>W69</i>		<i>3</i>	<i>6</i>	<i>DISCONTINUED</i>				<i>270</i>		Kind of Mill <i>Roller</i>
<i>G-3</i>			<i>4</i>					<i>20</i>		Strainer
<i>W104</i>			<i>2</i>	<i>SEE 41234</i>				<i>10</i>		Weight per Gallon <i>10 1/4</i>
<i>V357</i>	<i>1 1/2</i>							<i>15</i>		Light Baume Temp.
<i>VR45016</i>	<i>5 3/4</i>			Standard Formula Not to be taken from File.				<i>57 1/2</i>		Heavy Baume Temp.
<i>O-63</i>	<i>1/2</i>							<i>5</i>		Viscosity <i>80-90</i> Temp.
<i>S-43</i>	<i>1/4</i>							<i>2 1/2</i>		Viscosimeter
<i>VM524</i>			<i>3 oz</i>					<i>1 3/4</i>		Flash Point
<i>D15</i>			<i>2 oz</i>					<i>1 1/4</i>		Is Agitator Required
										Remarks <i>Haywork</i>
										<i>match Porcelain</i>
										<i>Panel</i>
										<i>1.45" oil/oz</i>
										<i>Changed to new Japanese quality</i>
Yield										<i>J.P.W.</i>

GLD060213

FORMULA RECORD

Goods: Japalac Jade Green Enamel

Formula No. Y-1234-V K

Consistency: Liquid

Laboratory No. 11111/5

For use on:

Cost Class. Date: 5/27/49

Customer:

Strainer: Grind 7-8

Mill: Pabblo Wt. on 3/4

Code	One Gallon Batch			Large Batch		Is agitator required	
Number	Pints	Lbs.	Ozs.	Gals.	Lbs.	Temp.	Temp.
W-89		3	5		265	10.3/4	90"
W-91			10		50	Viscosimeter	4 Cup
W-104			2		10	Color	Sheen Gloss
G-3			4		20	Non Vol.	Flash Pt. 100-F
YW-2			2-1/4		11-1/4	Match for Y-1234	Porcelain
93-W-140			8		40		
M-333			1/2		2-1/2	Reducer	Mineral Spirits
CH-185			1/2		2-1/2	Amt. for brushing as needed	
						Spraying	Tumbling
V-872	3-1/2			35		Dipping	Dry time
V-357	4-1/4			42-1/2		Bake	Temp.
S-90	1/8			1-1/4		Air dries in 4-6 hrs	
S-43	1/8			1-1/4		A. D. to recoat in	
D-29		2 Loz/gal		1-1/4		Remarks:	
D-75		2 " "		1-1/4		Standard Formula Active Discontinued	
CH-243-V-4		1/8 " "		10 oz 2			
RL-8721		1/8 " "		10 " "			
						Formula	
Yield							

GLD060214

GLITCH 420-4 PAINTED ENAMEL TOPS
 60025 Japarat Jade Green Enamel FORMULA RECORD

FORMULA NO. Y-1234-Z

CONSISTENCY Liquid

LABORATORY NO.

FOR USE ON

COST CLASS

DATE 11/12/51

CUSTOMER

STRAINER

GRIND 7-8

MILL P85510

WT. OR BE 10-3/4#

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	TEMP.
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.		
W-69		3	5		265		VISC. F.B. 80-90"	
W-91			10		50		VISC. RED.	TEMP.
W-104			2		10		VISCOSIMETER #4 Ford Cup	
G-3			4		20		COLOR	SHEEN Gloss
YW-2			2-1/4		11-1/4		NON VOL.	FLASH PT. 100°F
93-W-140			8		40		MATCH FOR Y-1234 Porcelain	
M-333			1/2		2-1/2		REDUCER Mineral Spirits	
CH-185			1/2		2-1/2		AMT. FOR BRUSHING AS needed	
V-872	3-1/2			35			SPRAYING	TUMBLING
V-357	4-1/4			42-1/2			DIPPING	DRIP TIME
S-90	1/8			1-1/4			BAKE	TEMP.
S-43	1/8			1-1/4			AIR DRIES IN 4-6 hrs.	
D-29		2 Loz/gal.		1-1/4			A. D. TO RECOAT IN	
D-75		2 "		1-1/4			REMARKS	
CH-269		1/8 "				10 Loz.	Standard Formula. Not to be taken from File.	
RL-8721		1/8 "				10 Loz.		
			Analysis Change					
YIELD							FORMULATOR RCH	25-6-4

GLD060215

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT 85.2 %	Japalac Y-1234-K
		VEHICLE 64.8 %	1234 Jade Green
		100.0 %	
			<i>All Plant 12-4-57</i>
		PIGMENT	
		Lithopone 70.5 %	
		Titanium Oxide 13.4	
		Basic Lead Carbonate 2.6	
		C.P. Chrome Green 5.3	
		C.P. Chrome Yellow 3.0	
		Calcium Carbonate 5.2	
		100.0 %	
		VEHICLE	
*		Varnish 94.6 %	
		Mineral Spirits 2.5	
		Liquid Drier 2.9	
		100.0 %	
*		Non-Volatile (Alkyd Resin P.E.	
		Ester Gum, Tung, Linseed Oil) 54.8 %	
		Volatile (Mineral Spirits) 45.4	
		100.0 %	
Y-1234		1511	

GPD060216

GLIDDEN MARK PRINTED IN U.S.A. FROM
 CODE: **Japb10c Jade Green Enamel** FORMULA RECORD

CONSISTENCY: **Liquid**

FOR USE ON:

CUSTOMER:

FORMULA NO. **Y-1234-L**

LABORATORY NO.

COST CLASS.

DATE **1/14/52**

STRAINER

GRIND **7-8**

MILL **Pebble**

WT. OR BE **9-5/8#**

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.B. 90-105"	TEMP.
W-180		2	8				VISC. RED.	TEMP.
G-74			1-1/8				VISCOSIMETER #4 Ford Cup	
YW-37			1-3/4				COLOR Green	SHEN Gloss
S-4			1/2				NON VOL.	FLASH PT.
W-140			4				MATCH FOR Y-1234 Porcelain	
CH-185			1/2				REDUCER S-43 as needed.	
M-333			3/4				ANT. FOR BRUSHING	
FM-308			1				SPRAYING	TUMBLING
W-872	3-1/2						DIPPING	DRIP TIME
V-357	4-1/4						BAKE	TEMP.
S-43	1/4						AIR DRIES IN 4-6 hrs.	
D-29			2	Loz/gal.			A. D. TO RECOAT IN 24 hrs.	
D-75			2	" "			REMARKS:	
CEI-269			1/8	" "			Standard Formula	
913-B-7	Trace						Active	
	Changed for better exterior color retention.						Discontinued	
							FORMULATOR Southwick	RGH
WIELD								25-8-4

Standard Formula
 Not to be taken
 from File

GLD060217

GLIDDEN 400-H, PRINTED IN U.S.A. (FRONT)

FORMULA RECORD
Japalac Jade Green Enamel

FORMULA NO. **Y-1234-M**

EXISTENCE **Liquid**

LABORATORY NO.

FOR USE ON

COST CLASS. DATE **4/4/52**

CUSTOMER

STRAINED GRIND **7-8**

MILL **Pebble** WT. OR BE **9-5/8#**

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS MITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.D.	TEMP.
W-180		2	8				90-105	
G-74			1-1/8				VISC. RED.	TEMP.
YW-37			1-3/4				VISCOSIMETER	#4 Ford Cup
B-4			1/2				COLOR	SHEEN Gloss
W-140			4				NON VOL.	FLASH PT. 100°F
CH-185			1				MATCH FOR	Y-1234 Panel
M-333			1				REDUCER	S-43
V-872	6-3/4						AMT. FOR BRUSHING	P.B.
O-320	1/4						SPRAYING	TUMBLING
S-43	1						DIPPING	DRIP TIME
							BAKE	TEMP.
D-29			2 Loz/gal.				AIR DRIES IN	4-6 hrs.
D-75			2 Loz/gal.				A. D. TO RECOAT IN	24 hrs.
CH-269			1/8 Loz/gal.				REMARKS	
Standard formula Not to be taken from file.								
DISCONTINUED SEE 25-G-42 1/1/56 TS-59								
Changed to replace Y-357.								
YIELD							FORMULATOR	Southwick HGH
								25-8-4

GLD060218

[illegible]

GLD060219

FORMULA RECORD

FORMULA NO.

~~Y-1234-K~~

GOODS

Japalac Jade Green Enamel

LABORATORY NO.

CONSISTENCY

COST CLASS.

DATE 1-1-56

FOR USE ON

STRAINER

GRIND

CUSTOMER

MILL

WT. OR RE

[illegible]

Standard Formula.
Not to be taken
from File

GLD060220

