9/25/31

Y-1219-A
(Eggshell Jap-a-Lac French Gray)

Y-945-W G 8 Pints

87-B-7 Trace
87-Y-1 Trace

Weight per gallon - 12#

Analysis:

Pigment	53%
Vehicle	47%
	100%

Pigment Analysis:

Titanolith	61%
Lithopone	30%
Magnesium Silicate	8%
Tinting Colors	1%
	100%

Vehicle Analysis:

Varnish	71%
Flowing Oil	15%
Mineral Spirits	14%
	100%

"Jap-a-Lac" Label
Round Cans - 1's - 1/2's - 1/4's - 1/8's - 1/16's
1/32's.

N12384

FORMULA RECORD

A 480 5m 6-2

Goods Japalac French Gray Enamel (Egg Shell) Formula Y-1219

Consistency Date 12-20-1920 Old No.

For Use on Classification

1	5	½ Bbl	Bbl.	2 Bbl.	Code No.	Per cent	Manufacturing Specifications
20	Gal.	G.G.C. Oil			V-112		Grind
40	Gal.	Congo Mixing			V-221		Kind of Mill
10	Gal.	#2 Oil			V-202-A		Rate per hr.
30	"	Texaco			S-43		Strainer
5	"	Indian Coach			V-114		Analysis
300	lbs.	Std. Zinc			~~W-5~~ (W-33)		
300	"	Spl. Sunolith			W-77		
200	"	Basofor			W-6		
100	"	Calcite			W-63		
4 lbs. 11 ozs.		Black Tinter			Y-1606		
1 lb. 15 1/4 ozs.		Light Yellow Tinter			Y-1602		

GLD060138

480-D 50M 2-41 PRINTED IN U.S.A. (R)

FORMULA RECORD

Goods Japalac Enamel Down Gray — Formula No. Y1219

Consistency Liquid — Date 10-5-45 — Laboratory No. 0

For Use on — Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specification
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
40W127C	8									Grind Mix
										Kind of Mill
93-B-7			1 3/4							Strainer
93-Y-37			1 1/8							Weight per Gallon 10.5#
87-R-7			1/2							Light Baume Temp.
										Heavy Baume Temp.
93-D-17			1 1/8							Viscosity 80-90° Temp.
										Viscosimeter # 4 Cup
										Flash Point
										Is Agitator Required
										Remarks Hayward
										Match Std. Color
										Chip Y4607
										1.48# Oil/Gal
Yield										J.P.W.

Standard Formula. Not to be taken from File.

GLD060139

180-D 50M 8-46 PRINTED IN U. S. A. (8)

FORMULA RECORD

Goods Japalac Enamel Dawn Gray — Formula No. Y1219A

Consistency Liquid — Date 6-13-47 — Laboratory No.

For Use on — Cost Classification

Code Number	One Gallon Batch Pints	Lbs.	Ozs.	Gallon Batch Gals.	Lbs.	Ozs.	Gallon Batch Gals.	Lbs.	Ozs.	Manufacturing Specification
40W124P	8									Grind Mix
										Kind of Mill
93B7			1 3/4							Strainer
										Weight per Gallon 11 1/4
93Y37			1 1/8							Light Baume Temp.
										Heavy Baume Temp.
87R7			1/2							Viscosity 80-90 Temp.
										Viscosimeter #4 Ford Cup
93D17			1 1/8							Flash Point
										Is Agitator Required
Changed to new quality										Remarks Match Side Y1219 Sample
										Johnston
Yield										

DISCONTINUED SEE Y1219B 3/29/49

Standard Formula. Not to be taken from File.

GLD060140

480-T.50M-4-40 PRINTED IN U.S.A. AP

FORMULA RECORD

Goods Japalac Enamel Dawn Gray

Consistency Liquid

For use on

Customer

Formula No. Y-1219-B

Laboratory No.

Cost Class. Date 3/29/49

Strainer Grind 7-8

Mill

Code Number	One Gallon Batch Pints	Lbs.	Ozs.	Large Batch Gals.	Lbs.
40-W-127-E	8				
93-B-7			2-1/8		
93-Y-37			1-3/8		
93-R-7			1/2		
93-D-17			1-3/8		

Changed to increase hiding & Viscosity

Standard Formula.

[illegible]

Yield

Is agitator required

Wt. or Bel 11.0# Temp.

Viscosity 110-120# Temp.

Viscosimeter #4 Cup

Color Gray Sheen Gloss

Non Vol. Flasi. Pt. 100°

Match for Std-Y-1219

Reducer S-43

Amt. for brushing only as needed

Spraying Tumbling

Dipping Drip time

Bake Temp.

Air dries in 6 hrs

A. D. to recoat in Overnite

Remarks:

Formulator H C H

GLD060141

ELLISON ADHESIVES, INC.

GOODS Japalac-Enamel Dawn Gray FORMULA RECORD

CONSIST Liquid

FOR USE ON

CUSTOMER

FORMULA NO. Y-1219-C

LABORATORY NO.

COST CLASS. DATE 11/12/51

STRAINER GRIND 7-8

MILL WT. OR BE 11.0#

IS AGITATOR REQUIRED

VISC. F.D. 110-120" TEMP.

VISC. REQ. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR Gray SHEEN Gloss

NON VOL. FLASH PT. 100°

MATCH FOR Std. Y-1219

REDUCER S-43

MAT. FOR BRUSHING Only as needed

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 6 hrs.

A. D. TO RECOAT IN Overnite

REMARKS:

FORMULATOR H G B

25-6-4

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
40-W-127	8					
93-B-7			2-1/8			
93-Y-37			1-3/8			
93-R-7			1/2			
93-D-17			1-3/8			
RL-8721			1/8	Loz.		
	Analysis Change.					
YIELD						

Standard Formula. Not to be taken from File.

Standard Formula
Active
Discontinued
See Y-1217-D

GLD060142

GLIDDEN 4204H PRINTED IN U.S.A. FORM

FORMULA RECORD

GOOD Japalac Enamel Dawn Gray

CONSISTENCY Liquid

FOR USE ON

CUSTOMER

FORMULA NO. Y-1219-D

LABORATORY NO.

COST CLASS. DATE 2-6-52

STRAINER GRIND Mix

MILL WT. OR BE 10-1/4

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
40-W-127-H	8					
93-B-7			2-1/8			
93-Y-37			1-3/8			
93-R-7			1/2			
93-D-17			1-3/8			
RL-8721			1/8 Oz.			

Standard Formula Not to be taken from File.

Changed to improve exterior durability.

YIELD

IS AGITATOR REQUIRED

VISC. F.B. 95-105" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR Y-1219 Panel

REDUCER S-43 If needed

AMT. FOR BRUSHING FB

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 4-6 hrs.

A. D. TO RECOAT IN

REMARKS: Use 2 Ozs./gal. 67-T-50 to check sagging if needed.

FORMULATOR Southwick HGH

25-6-4

GLD060143

COST	DATE	ANALYSIS			CUSTOMERS
		PIGMENT 32.8 %			Ville Plante 2-8-52
		VEHICLE 67.2 %			Atlantic (2) 1-22-53
		100.0			Montreal & Small (Can.) 5-26-54
					Herzog Zante (S.A.) 2-14-54
		PIGMENT			Columbia 7-10-52
		Titanium Calcium	71.0	%	
		Titanium Dioxide	16.2	%	
		Calcium Carbonate	6.4	%	
		Carbonate of White Lead	6.4	%	
			100.0	%	
		Tinting material less than 5%			
		VEHICLE			
		Soya Alkyd Resin	52.6	%	
		Mineral Spirits	44.6	%	
		Liquid Drier	2.8	%	
			100.0	%	

GLD060144

FORMULA RECORD

GOODS Japalac Enamel - Dawn Gray

CONSISTENCY

FOR USE ON

CUSTOMER 11-2-56

FORMULA NO. V-1219-E

LABORATORY NO.

COST CLASS. DATE 10/25/56

STRAINER GRIND 7-8

MILL Pebble WT. OR BE 10-1/4

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
[illegible]-180		2	12			
[illegible]-170 W-20			10			
W-140			8			
[illegible]-333			1			
CH-185			1			
V-872	6-5/8					
O-320	1/4					
S-43	1-1/8					
D-29			2 Loz.			
[illegible]-530			1/2 Loz.			
CH-269 CH-243			1/8 Loz.			
[illegible]46-C-200			1/8 Loz.			
93-R-7			2-1/8			
93-Y-37			1-3/8			
93-R-7			1/2			
93-N-17			1-3/8			
67-T-50			1 Loz. for sagging.			
YIELD	1 1					

Standard Formula. Not to be taken from file.

IS AGITATOR REQUIRED

VISC. F.B. 95-105" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR

REDUCER S-43

MAT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES 4-6 hrs.

A. O. TO RECOAT IN 24 hrs.

CATALYST

AMT. OF CATALYST

POT LIFE TEMP.

STABILITY AT 200°F

STABILITY AT 135°F

STABILITY AT °F

REMARKS

FORMULATOR J.E.S.

28-8-6

GLD060145

COST	DATE	ANALYSIS		CUSTOMERS Y-1219-E
		PIGMENT 32.8 %		Japalac Enamel - Dawn Gray
		VEHICLE 67.2 %		10/25/56
		100.0%		
				"Y" Trade Sales Ltd 11-2-56
		PIGMENT		
		Titanium Calcium	71.0%	Ecuador 2-16-57
		Titanium Dioxide	16.2	
		Calcium Carbonate	12.8	Peru 3-13-57
			100.0%	Peru 3-18-57
				Libya 5-29-57
				Chile 6-12-57
		VEHICLE		
		Soya Alkyd Resin	52.6%	
		Mineral Spirits & Driers	47.4	
			100.0%	
		Y-1219 6501		

GLD060146

GLIDDEN 480-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1219-E

GOODS Japalac Enamel - Dawn Gray

LABORATORY NO.

CONSISTENCY

COST CLASS.

DATE **11/5/5

FOR USE ON

STRAINER

GRIND 7-8

CUSTOMER

MILL Pebble

WT. OR BE 10-1

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
W-180		2	12			
W-208			10			
W-140			8			
M-333			1			
CH-185			1			
V-872	6-5/8					
O-320	1/4					
E-43	1-1/8					
D-29			2 Loz.			
VM-530			1/2 Loz.			
CH-243			1/8 Loz.			
146-C-200			1/8 Loz.			
93-B-7			2-1/8			
93-T-37			1-3/8			
93-R-7			1/2			
93-D-17			1-3/8			
67-T-50			1 Loz. for sagging.			
YIELD	1.1					

Standard Formula. Not to be taken from File.

Old 1-10-00 [illegible]

IS AGITATOR REQUIRED

VISC. F.B. 95-105" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 4-6 hrs.

A. D. TO RECOAT IN 24 hrs.

CATALYST Formula 10/25/56

AMT. OF CATALYST reissued to use Glidden

POT LIFE

STABILITY AT 200°F W-208.

STABILITY AT 135°F

STABILITY AT Elec Y-4132

REMARKS [illegible] Y-4113

FORMULATOR J.E.S.

28-8-8

GLD060147

COST	DATE	ANALYSIS		CUSTOMERS Y-1219-E
		PIGMENT 32.8 %		Japalac Enamel - Dawn Gray
		VEHICLE 67.2 %		
			100.0%	
				11/5/57
		PIGMENT		
		Titanium Calcine	71.0%	
		Titanium Dioxide	16.5	✓ Trade Sales Co Ltd 11-8-57
		Calcium Carbonate	13.3	
			100.8%	Cuba 5-5-58
				Chile 6-23-58
		Tinting material less than 5%		Gen. Paint - VIA-S. Fran. 6-23-58
				Peru - Canadas 7-16-58
		VEHICLE		
		Soya Alkyd Resin	53.5%	West Indies 11-11-58
		Mineral Spirits & Driers	47.2	Nicaragua 11-18-58
			100.7%	
		Y-1219	6503	

GLD060148

GLIDDEN 440-K PRINTED IN U.S.A. FRONT

FORMULA RECORD

GOODS Topcoat Enamel - Dawn Gray

CONSISTENCY

FOR USE ON THIS PRODUCTION MUST NOT CONTAIN LEAD

CUSTOMER (Less than 1% Lead)

FORMULA NO. Y-1219-F

LABORATORY NO.

COST CLASS. DATE 9/29/59

STRAINER GRIND 7-8

MILL Mix WT. OR BE 8.5#

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
30-Y-127-K				3375	10,000	
16-Y-7 or Y-7570					86	
112-T-37					27	
18-Y-210					9	

COST	DATE	ANALYSIS	CUSTOMERS Y-1219-F
		PIGMENT 16.2 %	Japalac Enamel - Dawn Gray
		VEHICLE 83.8 %	
		100.0%	9/29/59
		PIGMENT	
		Titanium Dioxide 100%	
			No. 1 Label Warning
			Y Enamel Int 10-15-59
		Tinting material less than	5%
		VEHICLE	
		Soya Alkyd	42.0%
		Mineral Spirits & Driers	58.0
			100.0%
		Y-1219 959	

GLD060150

GL 1006N 400-M PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1219-F

GOODS Japalac Enamel - Dawn Gray

LABORATORY NO.

CONSISTENCY

COST CLASS. DATE 10/22/59**

FOR USE ON THIS PRODUCTION MUST NOT CONTAIN LEAD

STRAINER GRIND 7-8

CUSTOMER (Less than 1% Lead)

MILL Mix WT. OR BE 8.5#

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
40-W-127-K				1176	10,000	
318-B-7 or Y-1720					46	
318-Y-37					27	
318-R-210					9	

COST	DATE	ANALYSIS		CUSTOMERS Y-1219-F
		PIGMENT 16.2 %		Japalac Enamel - Dawn Gray
		VEHICLE 83.8 %		
		100.0%		Y Enamel Lot
		PIGMENT		
		Titanium Dioxide 100%		
				No. 1 Label Warning
		Tinting material less than	5%	
		VEHICLE		
		Soya Alkyd	42 0%	
		Mineral Spirits & Driers	58 0	
			100 0%	
		Y-1219 959		

GLD060152

GLIDDEN 488-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1219-F

GOODS Japalac Enamel - Dawn Gray

LABORATORY NO.

CONSISTENCY

COST CLASS.

DATE 11/2/59**

FOR USE ON THIS PRODUCTION MUST NOT CONTAIN LEAD

STRAINER

GRIND 7-8

CUSTOMER (Less than 1% Lead)

MILL Mix

WT. OR BE 8.5#

CODE NUMBER	Gal ~~PINTS~~	GALLON BATCH LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
40-W-127-K	1176	10,000		99.1	845.0	
318-B-7 or	Y-1720	46			3.9	
318-Y-37		27			2.3	
318-R-210		9			0.8	
YIELD	1185	10,072		100	852	

Standard Formula. Not to be taken from File.

DISCONTINUED

IS AGITATOR REQUIRED

VISC. F.B. 90-100" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR Y-3414

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 3-4 hrs.

A. D. TO RECOAT IN O.N.

REMARKS:

**DESTROY COPY DATED 10/22/59.

Also Y-4115 & Y-1122

FORMULATOR J.E. Southwick

30-12-12

GLD060153

COST	DATE	ANALYSIS		CUSTOMERS Y-1219-Y
		PIGMENT 16.2 %		Japalac Enamel - Dawn Gray
		VEHICLE 83.8 %		
		100.0%		
		PIGMENT		11/2/59
		Titanium Dioxide 100%		
				No. 1 Label Warning
		Tinting material less than	5%	
				No change in analysis.
				Y Enamel Test 11-5-59
		VEHICLE		Marche (Portland) 11-5-59
		Soya Alkyd	42.0%	Keating (Tulsa) 11-5-59
		Mineral Spirits & Driers	58.0	Panama (GHM) 2-14-60
			100.0%	Chile 2-12-60
				Colombia "
				Cuba "
				Ecuador "
				Guatemala "
				Peru "
				West Indies 2-12-60
		Y-1219 959		

GLD060154

GLIDDEN 430-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

GOODS: Japalac Enamel - Dawn Gray

CONSISTENCY: 2-4-5-8-11-12-14-15-16-17

FOR USE ON: THIS PRODUCTION MUST NOT CONTAIN LEAD

CUSTOMER: (Less than 1% Lead)

FORMULA NO. Y-1219-G

LABORATORY NO.

COST CLASS. DATE 5/12/60

STRAINER GRIND 7-8

MILL Mix WT. OR BE 8.5#

CODE NUMBER	SMALL BATCH MARK	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
10-R-127-L	1176	10,000		99.1	845.0	
[illegible]-B-7 or Y-1720		46			3.9	
[illegible]-Y-37		27			2.3	
[illegible]-R-210		9			0.8	
YIELD	[illegible]	[illegible]		100	852	

DISCONTINUED

SEE Y-1219 Tollste

Standard Formula. Not to be taken from File

IS AGITATOR REQUIRED

VISC. F.B. 90-100" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR Y-3414

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 3-4 hrs.

A. D. TO RECOAT IN O.N.

REMARKS:

Also Y-117

FORMULATOR J.E. Southwick

GLD060155

	ANALYSIS PIGMENT 17.7 % VEHICLE 82.3 % 100.0%	CUSTOMERS Y-1219-G Japolac Enamel - Dawn Gray 5/12/60
	PIGMENT Titanium Dioxide - 100%	No. 1 Label Warning Also Y-4315 Y-4132
	Tinting material less than 5%	[illegible]
	VEHICLE Soya Alkyd Resin 42% Mineral Spirits & Driers 58 100%	[illegible]
		[illegible]
		[illegible]
		Costa Rica 6-11-[illegible]
	Y-1219 065	

GLD060156

COST	DATE	ANALYSIS	CUSTOMERS Y-1219-G
		PIGMENT 17.7 %	Japalac Enamel - Dawn Gray
		VEHICLE 82.3 %	
		100.0%	5/12/60
		PIGMENT	No. 1 Label Warning
		Titanium Dioxide 100%	
			Also Y-4115
			Y-4132
			Y-Enamel List 7-25-60
		Tinting material less than 5%	Kentucky [illegible] 7-25-60
			[illegible] 7-25-60
			[illegible] Mexico
			[illegible] 9-19-60
		VEHICLE	
		Soya Alkyd Resin 42%	Chile - Columbia - Ecuador [illegible]
		Mineral Spirits & Driers 58	England - Peru - West Indies
		100%	
			Hess (Texas) 8-2-61 (2-1)
			Schuman - Japan 12-11-61
			Costa Rica 6-11-62
		Y-1219 065	

GLD060157

GLIDDEN 480-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1219-G BASE

GOODS Japalac Enamel - Dawn Gray (1-10-63) LABORATORY NO. Tallate Driers

CONSISTENCY Mfg. at plants #1-2-4-5-8-12-14-~~15~~-16-17 COST CLASS. DATE 9/6/62

FOR USE ON This Production Must Not Contain Lead STRAINER GRIND 7-8

CUSTOMER (Less than 1% Lead) MILL Mix WT. OR BE 8.5#

CODE NUMBER	Gals. ~~XXXXXXXXXX~~	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
400-W-127-M	1176	10,000		99.1	845.0	
3118-B-7 or Y-1720		46			3.9	
3118-Y-37		27			2.3	
3118-R-210		9			0.8	
YIELD	1185	10,072		100	852	

IS AGITATOR REQUIRED

VISC. F.B. 90-100" TEMP.

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR SHEEN Gloss

NON VOL. FLASH PT.

MATCH FOR Y-3414

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 3-4 hrs.

A. D. TO RECOAT IN O.N.

REMARKS:

*Reissued Also Y-117 Y-4115 (Y-41,32 Blue)

FORMULATOR J. E. Southwick

DISCONTINUED SEE Y-1219-H

Standard Formula. Not to be taken from File.

GLD060158

COST	DATE	ANALYSIS	CUSTOMERS Y-1219-0
		PIGMENT 17.7 %	Japalac Enamel - Dawn Gray
		VEHICLE 82.3 %	
		100.0%	9/6/62
		PIGMENT	~~No [illegible]~~ Warning 11-62 NPV
		Titanium Dioxide 100%	11-14 [illegible]
			No change in analysis
		Tinting material less than 5%	In Y Enamel Test 9-6 62
			Plants #1-2-4-5-8-12-14-15-16-17
			Stamped:
		VEHICLE	#11 9-6-62
		Soya Alkyd Resin 42%	
		Mineral Spirits & Driers 58%	
		100%	
		Y-1219 065	

GLD060159

GLIDDEN 480-H PRINTED IN U.S.A. FRONT

FORMULA RECORD

FORMULA NO. Y-1219-H BASE

GOODS Japalac Enamel - Dawn Gray NO CHANGE

LABORATORY NO.

CONSISTENCY FOOD USE

COST CLASS. DATE 3/21/63

FOR USE ON Mfg. at plants #1-2-4-[illegible]-12-14-[illegible]

STRAINER GRIND 7-8

CUSTOMER This Production Must Not Contain Lead

MILL Mix WT. OR BE 8.5#

CODE NUMBER	ONE GALLON BATCH PINTS	LBS.	OZS.	LARGE BATCH GALS.	LBS.	OZS.
40-W-127				99.4	(855.5)	
369-B-131				(0.44)	3.9	
369-Y-89				(0.18)	2.3	
369-R-269				(0.05)	0.8	
YIELD				100.07	862.5	

IS AGITATOR REQUIRED

VISC. F.B. 90-100" TEMP. 77°F

VISC. RED. TEMP.

VISCOSIMETER #4 Ford Cup

COLOR Gray SHEEN Gloss

NON VOL. FLASH PT 100°F

MATCH FOR Y-3414

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN 3-4 hrs.

A. D. TO RECOAT IN Overnight

REMARKS:

Changed to use 369 bases.

FORMULATOR J. E. Southwick

Standard Formula, Not to be taken from File.

GLD060160

COST	DATE	ANALYSIS	CUSTOMERS
U.C.B.	(Beck)	9-4-64 PIGMENT 17.7 %	Japalac Enamel - [illegible]
		VEHICLE 82.3 %	
#30 (Engstrom)		100.0%	3/21/63
12-28-64 (1)			U.C.B. (Beck
		PIGMENT	
#30 (Trimtor)		Titanium Dioxide 100%	
2-23-66			
Lebanon			Warning No. 11-62 EPVLA
1-4-67 (3)			11/14/62
		Tinting material less than 5%	
			No change in analysis
		Spec 5-5-64 (3)	
			Y Enamel Inst 3-27-63 (1)
		VEHICLE	#1-2-4-5-8-12-14-15-16-17
		Soya Alkyd Resin 42%	
		Mineral Spirits & Driers 58%	Stamped:
		100%	#11 3-29-63 (1)
		Guatemala 3-9-64 (1)	
			Italy 9-3-63
		Manila 3-31-64	
			Panama 9-25-63
		Eng. Br. Pts 4-6-64	
			Sch Gyan 2-10-64 (1)
		C. Rica 4-22-64	
		Colombia 4-24-64 (3)	Mexico 2-21-64 (1)
		Y-1219 065	
		Ecuador 4-27-64	West Indies 3-3-64

GLD060161

Glidden Form 1103-1 Printed in U.S.A. 4/66

C & R FORMULA

Product Japalac Enamel - Dawn Gray

Customer

CODE NUMBER	100 GALLON BATCH GALLONS	100 GALLON BATCH POUNDS	% BY WEIGHT	MANUFACTURING INSTRUCTIONS
40-W-127	99.4	(855.5)		
369-B-131	(0.44)	3.9		
369-Y-89	(0.18)	2.3		
369-R-269	(0.05)	0.8		
Yield	100.07	862.5		

Standard Formula Not to be taken from File

Formula Number Y-1219-H

Laboratory Number

R.M. Cost Date 3/1/67

Mill Mix Grind

NPVLA %Lead -1

Label Warning 11-62 METHOD

Wt./Gal. 8.5#

Flash Pt. °F 100°

N.V.Wt.

N.V.Vol.

Visc. F.8 90-100"

~~XXXX~~ #4 F.C.

Reducer S-340 Ratio

P.V.C. pH

Color Gray Match Y-341

Glass Over 85 Method

Strainer

Container

Application

Cure Air Dry: 3-4 hrs.
Recoat: Overnight

Remarks

Formulator J. E. Southwick

Approved by

GLD060162

Chadon Form 1109-1 (back) Printed in U.S.A. 4/66 C & R FORMULA

CLASS					
CODES					

DESCRIPTORS (20 spaces-limit)

Trade Name Customer

Substrate and Treatment

End Use

Specifications

Royalty Yes ☐ No ☐ Silicone Yes ☐ No ☐

Resins

Color Gloss

For Use On

Resistance

Manufactured at Plant #1-2-4-12-14 2-16-67

Stamped:

#5-8-11-15-16-17 2-16-67

Manufacturing Instructions or Remarks

#30 (Brightron) 3-30-67

Date 3/1/67 Formula No. Y-1219-H

Product Japalac Enamel - Dawn Gray

Label Warning #11-62 NPVLA

ANALYSIS

Pigment 17.7 %

Vehicle 82.3 %

100.0%

Pigment

Titanium Dioxide 100%

Tinting material less than 5%

Vehicle

Soya Alkyd Resin 42%

Mineral Spirits & Driers 58%

100%

NO CHANGE IN ANALYSIS

Y-1219 065

GLD060163

Glidden Form 11894-t Printed in U.S.A. 7-67 C & R FORMULA

Product Japalac Enamel - Dawn Gray

Customer

CODE NUMBER	100 GALLON BATCH GALLONS	100 GALLON BATCH POUNDS	% BY WEIGHT	MANUFACTURING INSTRUCTIONS
		DISCONTINUED		
	USE	85-E-68		

Standard Formula. Not to be taken from File.

Yield

Formula Number V-1219-H

Laboratory Number

R.M. Cost Date 8-31-67

Mill Grind

NPVLA Load -1

Label Warning 11-62

Wt./Gal. 8.5#

Flash Pt. °F 100°

N.V.Wt.

N.V.Vol.

Visc. F.B. 90-100"

Visc. Red.

Reducer Ratio

P.V.C. pH

Color Match

Gloss Method

Strainer

Container

Application

AD Bake

Recoat Time

Remarks

Formulator

Approved by

METHOD

GLD060164

Glidden Form 1109-1 (pack) Printed in U.S.A. 2-67 C & R FORMULA

CLASS					
CODES					

DESCRIPTORS (20 spaces—limit)

Trade Name Customer

Substrate and Treatment

End Use

Specifications

Royalty Yes ☐ No ☐ Silicone Yes ☐ No ☐

Resins

Color Gloss

For Use On

Resistance

Manufactured at Plants Y-Paint List 8-1-67 (2)

(Tech Only) #5-8-11-15-16-17 "

" #30 (Cryptron) "

Manufacturing Instructions or Remarks

C. Rica, Panama, Mexico,

Guatemala 2-8-68 (6)

Date Formula No.

Product

Label Warning

ANALYSIS

Pigment %

Vehicle %

Pigment

Vehicle

GLD060165