

# FORMULA RECORD

MS3

CONTRACT LAB Oakland #18

DATE 1-12-54

REX NO. 798

CARD NO. 5

NAME Shake Paint Feather Gray

| POUNDS           | GALLONS           | NEW MAT'L | OLD MAT'L |
|------------------|-------------------|-----------|-----------|
| 125              | 3.57              | 6630      | 2174      |
| 200              | 4.12              | 6840      | 412       |
| 275              | 12.01             | 6233      | 313       |
| 10               | .30               | 8280      | 1430      |
| 10               | .67               | 62-Y-4    | 62-Y-4    |
| 150              | 6.84              | 6301      | 566       |
| 246              | 33                | (2536)    | (2536)    |
| 62               | 8                 | (1521)    | (2)       |
| 11               | 1- $\frac{1}{2}$  | (902)     | (4230)    |
| 220              | 33- $\frac{1}{2}$ | (145)     | (348)     |
| 3- $\frac{1}{2}$ | $\frac{1}{2}$     | (942)     | (4231)    |
| (7)              |                   | BB 10     | BB 10     |
| (10)             |                   | BO 20     | BO 20     |
| (5)              |                   | BY 40     | BY 40     |
| 7                | 1                 | (1954)    | (5026)    |

CUSTOMER S. W. Co.

MFG. INSTR.

WT./GAL 12.52

GRIND 3H

OUTPUT 100

MFG. LOSS 3%

STOR. LOSS

SOLIDS

PARALLELS

Visc 72-77-KU at 24 hrs

Visc Stormer

BLEED

DEPT. Paint

ROLL

LABOR. ANALYSIS

FLASH PT.

ROYALTY: YES ☐ NO ☐ X ☐ W ☐

REASON FOR REVISION To correct  
typographical error in formula

FORMULATOR

SUPT

RGL

|                                                                |                                             |
|----------------------------------------------------------------|---------------------------------------------|
| TO MATCH <u>Standard</u>                                       | REL. NO. <u>798</u> <i>Ship-Lab 2-3-54</i>  |
| APPLICATION: SURFACE <u>Wood Shakes &amp; Siding</u>           | CARD NO. <u>5</u> <i>New Shingle</i>        |
| <u>Shingles</u> NO. COATS <u>1-2</u>                           | DATE <u>1-12-54</u> <i>Trade Sales</i>      |
| UNDERCOATER USED _____                                         | DATE <u>for</u> SLIP NO. _____ AMOUNT _____ |
| METHOD 1 <u>Brush</u>                                          | <i>Quality Control 2-3-54</i>               |
| REDUCTION: AMOUNT <u>None</u> REDUCER USED _____               | <i>Barbier</i>                              |
| METHOD 2 _____                                                 | <i>DD</i>                                   |
| REDUCTION: AMOUNT _____ REDUCER USED _____                     | <i>Barbier</i>                              |
| DRYING TIME: TOUCH <u>6-8hr</u> RECOAT <u>2h</u> STENCIL _____ | EXEC. COST DEPT. <u>4</u>                   |
| HARD _____ SAND _____ HANDLE _____                             | CLEVELAND <u>A</u> <u>4</u>                 |
| TACK FREE _____ RUB _____ WRAP _____                           | KENSINGTON <u>C</u> <u>4</u> <u>2-3-54</u>  |
| BAKING TIME AND TEMP. _____                                    | PAINT RESEARCH <u>4</u>                     |
| GLOSS <u>Low Oil</u> FILM <u>Elastic</u>                       | KENS. TECH. SERV. <u>4</u>                  |
| SPECIAL TESTS _____                                            | KENS. LACQUER _____                         |
| _____                                                          | NEWARK <u>N</u> <u>4</u> <u>2-3-54</u>      |
| _____                                                          | OAKLAND <u>O</u> <u>4</u>                   |
| _____                                                          | M. SENOUR <u>M</u> <u>4</u> <u>2-3-54</u>   |
| _____                                                          | DETROIT <u>D</u> <u>4</u>                   |
| _____                                                          | LOS ANGELES <u>P</u> <u>4</u>               |
| _____                                                          | DALLAS <u>T</u> <u>4</u>                    |
| _____                                                          | DAYTON <u>L</u> <u>4</u>                    |
| _____                                                          | GIBBSBORO <u>F</u> <u>4</u>                 |
| _____                                                          | EXEC. MFG. <u>4</u>                         |
| _____                                                          | CUBA <u>H</u> <u>4</u>                      |
| _____                                                          | MONTREAL <u>G</u> <u>4</u>                  |
| _____                                                          | BUENOS AIRES <u>Z</u> <u>4</u>              |
| _____                                                          | BRAZIL <u>S</u> <u>4</u>                    |
| _____                                                          | RES ADM. <u>4</u>                           |
| _____                                                          | MEXICO <u>4</u>                             |

*Pitt-Phillips*

0007-SWP-062833

# FORMULA RECORD

A35

CONTROL LAB Oakland #18

DATE 11-5-53

REL NO 708

NAME Shake Paint Feather Gray

CARD NO 4

| POUNDS | GALLONS | NEW MAT'L | OLD MAT'L | CUSTOMER            | S. W. Co.                                                                                                              |
|--------|---------|-----------|-----------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 125    | 3.57    | 6630      | 2174      | MFG. INSTR.         |                                                                                                                        |
| 200    | 4.12    | 6840      | 412       |                     |                                                                                                                        |
| 275    | 12.01   | 6233      | 313       |                     |                                                                                                                        |
| 10     | .30     | 8280      | 1430      |                     |                                                                                                                        |
| 10     | .67     | 62-Y-4    | 62-Y-4    |                     |                                                                                                                        |
| 150    | 6.84    | 6301      | 566       |                     |                                                                                                                        |
| 246    | 33      | (2536)    | (2536)    | WT./GAL 12.52       | VISC 72-77 Wt at 25 F                                                                                                  |
| 62     | 88      | (1521)    | (2)       | GRIND 3H            | VISC Stormer                                                                                                           |
| 11     | 1-1/2   | (902)     | (4230)    | OUTPUT 100          | BLEED                                                                                                                  |
| 220    | 33-1/4  | (145)     | (348)     | STOR. LOSS          | DEPT. Paint                                                                                                            |
| 3-1/2  | 1/2     | (942)     | (4231)    | PARALLELS           | LINE Roll LINING                                                                                                       |
| (7)    |         | RR 10     | RR 10     | SOLIDS              | RATE/R 150 LABEL ANALYSIS                                                                                              |
| (10)   |         | RO 20     | RO 20     | FLASH FT.           | ROYALTY YES <input type="checkbox"/> NO <input type="checkbox"/> X <input type="checkbox"/> W <input type="checkbox"/> |
| (5)    |         | RY 10     | RY 10     | REASON FOR REVISION | To use less tinting color.                                                                                             |
| 7      | 1       | (1054)    | (5026)    | FORMULATOR          | SUFT                                                                                                                   |

0007-SWP-062834

|                                                            |  |  |                                                  |
|------------------------------------------------------------|--|--|--------------------------------------------------|
| TO MATCH <u>Standard</u>                                   |  |  | REV. NO. <u>Casper Jan 12 23 35</u>              |
| APPLICATION: SURFACE <u>Wood Shakes &amp; Siding</u>       |  |  | CARD NO. <u>122335</u>                           |
| <u>Shingles</u> NO. COATS <u>1-2</u>                       |  |  | DATE <u>Jan 12 1935</u>                          |
| UNDERCOATER USED                                           |  |  | DATE <u>Jan 12 1935</u> SLIP NO. <u>1</u> AMOUNT |
| METHOD 1 <u>Brush</u>                                      |  |  | <u>1</u>                                         |
| REDUCTION: AMOUNT <u>None</u> REDUCER USED                 |  |  | <u>1</u>                                         |
| METHOD 2                                                   |  |  | <u>1</u>                                         |
| REDUCTION: AMOUNT REDUCER USED                             |  |  | <u>1</u>                                         |
| DRYING TIME TOUCH <u>6-8 hrs</u> COAT <u>24 hrs</u> TENSIL |  |  | FACTORY FORMULA SPEC. CARD                       |
| HARD SAND HANDLE                                           |  |  | EXEC. COST DEPT. <u>1</u>                        |
| TACK FREE RUB WRAP                                         |  |  | CLEVELAND <u>A</u>                               |
| BAKING TIME AND TEMP.                                      |  |  | KENSINGTON <u>C</u>                              |
| GLOSS <u>Low Oil</u> FILM <u>Elastic</u>                   |  |  | PAINT RESEARCH <u>1</u>                          |
| SPECIAL TESTS                                              |  |  | KENS. TECH. SERV. <u>1</u>                       |
|                                                            |  |  | KENS. LACQUER                                    |
|                                                            |  |  | NEWARK <u>H</u>                                  |
|                                                            |  |  | OAKLAND <u>C</u>                                 |
|                                                            |  |  | M. SENOUR <u>H</u>                               |
|                                                            |  |  | DETROIT <u>C</u>                                 |
|                                                            |  |  | LOS ANGELES <u>D</u>                             |
|                                                            |  |  | DALLAS <u>T</u>                                  |
|                                                            |  |  | DAYTON <u>L</u>                                  |
|                                                            |  |  | GIBBSBORO <u>F</u>                               |
|                                                            |  |  | EXEC. MFG. <u>1</u>                              |
|                                                            |  |  | CUBA <u>H</u>                                    |
|                                                            |  |  | MONTREAL <u>G</u>                                |
|                                                            |  |  | BUENOS AIRES <u>T</u>                            |
|                                                            |  |  | BRACH <u>S</u>                                   |
|                                                            |  |  | NEWARK <u>1</u>                                  |
|                                                            |  |  | NEWARK <u>1</u>                                  |

*Phil Van*

# FORMULA RECORD

CONTROL LAB Oakland #18

DATE 7-22-53

REF. NO. 798

A135

NAME Snake Paint, Feather Gray

CARD NO. 3

| POUNDS | GALLONS | MATERIAL NO.       | CUSTOMER      |
|--------|---------|--------------------|---------------|
| 100    | 2.86    | 2174               | S. W. Co.     |
| 200    | 4.12    | 412                | MFG. INSTR.   |
| 275    | 12.01   | 313                |               |
| 15     | 0.45    | 1430               |               |
| 10     | 0.67    | 62-Y-4 ✓           |               |
| 150    | 6.34    | 566                |               |
| 149    | 20      | (2536)             | WT./GAL 12.52 |
| 62     | 8       | (2)                | GRIND 3H      |
| 61     | 9-1/4   | (348)              | OUTPUT 100    |
| 11     | 1-1/2   | (4230)             | MFG. LOSS 3%  |
|        |         |                    | STOR. LOSS    |
| 97     | 13      | (2536)             | SCALES        |
| 159    | 24      | (348)              | PARALLELS     |
| 3-1/2  | 1/2     | (4231)             |               |
| 7      | 1       | (5026)             |               |
| ???    |         | CV-40, BB-10, BO-1 |               |

  

|                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------|
| VISC. 72-77 KU at 24 hrs.                                                                                                          |
| VISC. Stormer at 75°F                                                                                                              |
| BLEED                                                                                                                              |
| DEPT. Paint                                                                                                                        |
| ROLL                                                                                                                               |
| LINING                                                                                                                             |
| RATE/HR. 150                                                                                                                       |
| FLASH FT.                                                                                                                          |
| LABEL NO. RED                                                                                                                      |
| ROYALTY: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> X <input type="checkbox"/> W <input type="checkbox"/> |
| REASON FOR REVISION                                                                                                                |
| To revise to more stable vehicle                                                                                                   |
| FORMULATOR <i>L. L. Smith</i>                                                                                                      |

0007-SWP-062836

[illegible]

# FORMULA RECORD

CONTROL LAB Oakland 18

DATE 6-19-52

REV. NO. 798

NAME Shake Paint, Gray

CARD NO. 2

| POUNDS | GALLONS | MATERIAL NO. | CUSTOMER                                                                     |
|--------|---------|--------------|------------------------------------------------------------------------------|
| 100    | 2.86    | 2171         | S. W.                                                                        |
| 200    | 1.12    | 112          | TO MATCH <u>Std.</u>                                                         |
| 250    | 1.10    | 566          | REASON FOR REVISION <u>To improve quality</u>                                |
| 10     | 1.10    | 517          | <u>and viscosity.</u>                                                        |
| 15     | 1.5     | 1130         |                                                                              |
| 62     | 8.00    | (2)          |                                                                              |
| 88     | 11.00   | (310)        | VISCOSITY <u>72-77 KU</u> <u>24</u> HRS. AFTER GRIND                         |
| 16     | 2.00    | (321)        | VISCOSITY <u>Storimer</u> <u>1</u> HRS. AFTER GRIND                          |
| 11     | 1.50    | (1230)       | % SOLIDS (RUN)                                                               |
| 8      | 1.00    | (12 W)       | ROYALTY: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| 99     | 15.00   | (318)        | WT./GAL. <u>11.36</u> LABEL ANALYSIS CHECKED <u>D</u>                        |
| 1      | .12     | (6081)       | BAUME                                                                        |
| 81     | 10.50   | (310)        | STD. OF FIN. <u>3H</u> LABEL NO. <u>BED 12 RED 1</u>                         |
| 211    | 32.50   | (318)        | NORMAL COST <u>1.00</u> NEW STD. SAMPLE REQUIRED <u>Yes</u>                  |
| 3 1/2  | .50     | (1231)       | EST. MFG. LOSS <u>3</u> MILL <u>Roll</u> BLEED? <u></u>                      |
| 7      | 1.00    | (5026)       | DEPARTMENT <u>Paint</u> LBS. OR GALS. PER HOUR <u>120</u>                    |
| (5)    |         | BY <u>10</u> | PACKAGE <u>APPROVED</u>                                                      |
| (12)   | (1.30)  | RR <u>10</u> | PARALLEL NO.'S FORMULATOR <u>RLS</u>                                         |
| ?      |         | BO <u>1</u>  | SUPP. <u>RLS</u>                                                             |

0007-SWP-062838

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Wood Shakes or Siding Shingles

NO. COATS 1-2

UNDERCOATER USED

METHOD 1 Brush

REDUCTION: AMOUNT None 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 Low Oil

FILM Elastic

SPECIAL TESTS

| DATE              | SLIP NO.      | AMOUNT        |
|-------------------|---------------|---------------|
| <u>May 1952</u>   | <u>2-2-52</u> | <u>"</u>      |
| <u>June 1952</u>  | <u>"</u>      | <u>"</u>      |
| <u>July 1952</u>  | <u>"</u>      | <u>"</u>      |
| <u>Aug 1952</u>   | <u>"</u>      | <u>"</u>      |
| <u>Sept 1952</u>  | <u>"</u>      | <u>"</u>      |
| <u>Oct 1952</u>   | <u>"</u>      | <u>"</u>      |
| <u>Nov 1952</u>   | <u>"</u>      | <u>"</u>      |
| <u>Dec 1952</u>   | <u>"</u>      | <u>"</u>      |
| <u>Jan 1953</u>   | <u>"</u>      | <u>"</u>      |
| <u>Feb 1953</u>   | <u>"</u>      | <u>"</u>      |
| <u>Mar 1953</u>   | <u>"</u>      | <u>"</u>      |
| FACTORY           | FORMULA       | SPEC. CARD    |
| EXEC. COST DEPT.  | <u>"</u>      |               |
| CLEVELAND         | <u>"</u>      |               |
| KENSINGTON        | <u>"</u>      | <u>2-2-52</u> |
| ALLIED RESEARCH   | <u>"</u>      |               |
| KENS. TECH. SERV. | <u>"</u>      |               |
| KENS. LACQUER     | <u>"</u>      |               |
| NEWARK            | <u>"</u>      | <u>2-2-52</u> |
| OAKLAND           | <u>"</u>      |               |
| M. SENOUR         | <u>"</u>      | <u>2-2-52</u> |
| DETROIT           | <u>"</u>      |               |
| LOS ANGELES       | <u>"</u>      |               |
| DALLAS            | <u>"</u>      |               |
| DAYTON            | <u>"</u>      |               |
| GIBBSBORO         | <u>"</u>      |               |
| EXEC. MFG.        | <u>"</u>      |               |
| CUBA              | <u>"</u>      |               |
| MONTREAL          | <u>"</u>      |               |
| BUENOS AIRES      | <u>"</u>      |               |
| BRAZIL            | <u>"</u>      |               |
| RES ADM           | <u>"</u>      |               |
| MEXICO            | <u>"</u>      |               |

0007-SWP-062839

| CONTROL LAB |                 |              | FORMULA RECORD                                                                      |          | A23      |     |
|-------------|-----------------|--------------|-------------------------------------------------------------------------------------|----------|----------|-----|
| Oakland #18 |                 |              | DATE                                                                                | 10-12-51 | REV. NO. | 798 |
| NAME        |                 |              | Shake Paint Gray                                                                    |          | CARD NO. | 1   |
| POUNDS      | GALLONS         | MATERIAL NO. | CUSTOMER                                                                            | S-W      |          |     |
| 100         | <del>1.1</del>  | 20           | TO MATCH                                                                            | Std.     |          |     |
| 125         | <del>2.5</del>  | 112          |                                                                                     |          |          |     |
| 285         | <del>12.5</del> | 2110         | REASON FOR REVISION                                                                 |          |          |     |
| 20          | <del>.9</del>   | 62-3-1       | Assign permanent rev.                                                               |          |          |     |
| 89          | 11.1            | (2)          |                                                                                     |          |          |     |
| 77          | 9.6             | (310)        | VISCOSITY 16-50" #2 ST AT 75° HRS. AFTER SEED                                       |          |          |     |
| 32          | 1.8             | (318)        | VISCOSITY AT 3 HRS. AFTER SEED                                                      |          |          |     |
| 11          | 1.5             | (1230)       | % SOLIDS (RUN)                                                                      |          |          |     |
|             |                 |              | WT./GAL T 10.95                                                                     |          |          |     |
|             |                 |              | BAUME                                                                               |          |          |     |
|             |                 |              | STD. OF FINENESS 3H                                                                 |          |          |     |
| 62          | 7.7             | (310)        | NORMAL OUTPUT 100                                                                   |          |          |     |
| 295         | 1.5             | (318)        | EST. 10% LOSS 5                                                                     |          |          |     |
| 3-1/2       | 1/2             | (1231)       | DEPARTMENT Paint                                                                    |          |          |     |
| 7           | 1               | (5026)       | PACKAGE                                                                             |          |          |     |
| (9)         | 1               | RR-10        | PARALLEL NO.'S                                                                      |          |          |     |
| 33          | 2.6             | BY-10        | C67 A 012                                                                           |          |          |     |
| (1)         |                 | RO-1         | SUPPLY                                                                              |          |          |     |
|             |                 |              | ROYALTY: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> XG, WD |          |          |     |
|             |                 |              | LABEL ANALYSIS CHECKED                                                              |          |          |     |
|             |                 |              | LABEL NO. RED <input type="checkbox"/> REDE <input type="checkbox"/>                |          |          |     |
|             |                 |              | NEW STD. SAMPLE REQUIRED Yes                                                        |          |          |     |
|             |                 |              | DATE REC'D                                                                          |          |          |     |
|             |                 |              | MILL NO. 111                                                                        |          |          |     |
|             |                 |              | FLEED?                                                                              |          |          |     |
|             |                 |              | LBS. OR GALS. PER HOUR 120                                                          |          |          |     |
|             |                 |              | APPROVED                                                                            |          |          |     |
|             |                 |              | FORMULATOR                                                                          |          |          |     |

0007-SWP-062840

MANUFACTURING INSTRUCTIONS:

APPLICATION: SURFACE Raked Shake

NO. COATS 1

UNDERCOATER USED 150 or none

METHOD 1 Brush

REDUCTION: AMOUNT \_\_\_\_\_ REDUCER USED \_\_\_\_\_

METHOD 2 Spray

REDUCTION: AMOUNT 20% REDUCER USED (63)

DRYING TIME: TOUCH \_\_\_\_\_ RECOAT \_\_\_\_\_ STENCIL \_\_\_\_\_

HARD \_\_\_\_\_ SAND \_\_\_\_\_ HANDLE \_\_\_\_\_

TACK FREE 2 1/2 hrs. RUB \_\_\_\_\_ WRAP \_\_\_\_\_

BAKING TIME AND TEMP. \_\_\_\_\_

GLOSS Flat FILM \_\_\_\_\_

SPECIAL TESTS Flow must not exceed std.

| DATE                    | SLIP NO.  | AMOUNT          |
|-------------------------|-----------|-----------------|
| 11/1/57 - <u>Payper</u> |           | <u>10-18-57</u> |
| <u>Agate Sales</u>      |           | <u>11</u>       |
| <u>Paul 200</u>         |           | <u>11</u>       |
| <u>Schmitt</u>          |           | <u>11</u>       |
| <u>Paul 200</u>         |           | <u>11</u>       |
| <u>M.H.</u>             |           | <u>11</u>       |
| <u>Payper</u>           |           | <u>11</u>       |
| <u>Blattner</u>         |           | <u>11</u>       |
| <u>Schmitt</u>          |           | <u>11</u>       |
| FACTORY                 | FORMULA   | SPEC. CARD      |
| EXEC. COST DEPT.        | <u>11</u> |                 |
| CLEVELAND               | <u>11</u> |                 |
| KENSINGTON              | <u>11</u> | <u>10-18-57</u> |
| ALLIED RESEARCH         | <u>11</u> |                 |
| KENS. TECH. SERV.       | <u>11</u> |                 |
| KENS. LACQUER           | <u>11</u> |                 |
| NEWARK                  | <u>11</u> | <u>10-18-57</u> |
| OAKLAND                 | <u>11</u> |                 |
| EL. SENGUR              | <u>11</u> | <u>10-18-57</u> |
| DETROIT                 | <u>11</u> |                 |
| LOS ANGELES             | <u>11</u> |                 |
| DALLAS                  | <u>11</u> |                 |
| DAYTON                  | <u>11</u> |                 |
| GIBBSBORO               | <u>11</u> |                 |
| EXEC. MFG.              | <u>11</u> |                 |
| CUBA                    | <u>11</u> |                 |
| MONTREAL                | <u>11</u> |                 |
| BUENOS AIRES            | <u>11</u> |                 |
| BRAZIL                  | <u>11</u> |                 |
| RES ADM.                | <u>11</u> |                 |
| MEXICO                  | <u>11</u> |                 |