PLAINTIFF'S EXHIBIT
GP-1261

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

December 1, 1976

TO:

Closed

~~Mr. M. A. Palmowski - Chicago~~
~~Mr. G. F. Fowler - Marietta~~
~~Mr. E. L. Aasen - Portland~~
~~Mr. J. Van - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. J. B. Moss - Wilmington~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. C. W. Lehnert - Tigard~~
Tigard Lab

Enclosed please find the following Chicago, Illinois, Plant Formula revisions:

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |
| C-970 | READY MIX FILLER | REVISED |
| C-973 | READY MIX FILLER | REVISED |
| C-978 | READY MIX FILLER | REVISED |

Please sign and return the attached tear sheet.

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TO: TIGARD GYPSUM LAB

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |
| C-970 | READY MIX FILLER | REVISED |
| C-973 | READY MIX FILLER | REVISED |
| C-978 | READY MIX FILLER | REVISED |

SIGNED W. N. [illegible] PLANT _____ DATE 12-14-76

WNG
12/1/76

GEORGIA-PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

January 19, 1977

TO:

~~Mr. M. A. Palmowski - Chicago~~
~~Mr. G. F. Fowler - Marietta~~
~~Mr. E. L. Aasen - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. J. Van - Portland~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. J. B. Moss - Wilmington~~
~~Mr. C. W. Lehnert - Tigard~~
Tigard Lab

Please find enclosed the following Chicago, Illinois Plant Formula revisions:

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |
| C-970 | READY MIX FILLER | REVISED |
| C-973 | READY MIX FILLER | REVISED |
| C-974 | READY MIX TOPPING COMPOUND (HAND TOOLS) | REVISED |
| C-976 | READY MIX JOINT COMPOUND (HAND TOOLS) | REVISED |
| C-978 | READY MIX FILLER | REVISED |
| C-979 | READY MIX JOINT COMPOUND (HAND TOOLS) | REVISED |

Please sign and return the attached tear sheet.

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TO: TIGARD GYPSUM LAB

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |
| C-970 | READY MIX FILLER | REVISED |
| C-973 | READY MIX FILLER | REVISED |
| C-974 | READY MIX TOPPING COMPOUND (HAND TOOLS) | REVISED |
| C-976 | READY MIX JOINT COMPOUND (HAND TOOLS) | REVISED |
| C-978 | READY MIX FILLER | REVISED |
| C-979 | READY MIX JOINT COMPOUND (HAND TOOLS) | REVISED |

SIGNED W. N. G. PLANT _____ DATE 1-21-76

WNG

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

May 7, 1975

TO:
~~Mr. M. A. Palmowski - Chicago~~
~~Mr. G. F. Fowler - Marietta~~
~~Mr. E. L. Aasen - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. J. Van - Portland~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. J. B. Moss - Wilmington~~
~~Mr. C. W. Lehnert - Tigard~~
Tigard Lab ← THIS COPY FOR

Enclosed please find the following Chicago, Illinois, plant formulas:

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | NEW |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | NEW |

Please cancel the following Chicago, Illinois, plant formulas by removing them from your formula books:

| | | |
|---|---|---|
| C-904 | TRIPLE DUTY JOINT COMPOUND | CANCELLED |
| C-922 | BEDDING COMPOUND | CANCELLED |
| C-935 | TOPPING COMPOUND | CANCELLED |
| C-950 | ALL PURPOSE JOINT COMPOUND | CANCELLED |

Please sign and return the attached tear sheet.

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TO: TIGARD GYPSUM LAB

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | NEW |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | NEW |
| C-904 | TRIPLE DUTY JOINT COMPOUND | CANCELLED |
| C-922 | BEDDING COMPOUND | CANCELLED |
| C-935 | TOPPING COMPOUND | CANCELLED |
| C-950 | ALL PURPOSE JOINT COMPOUND | CANCELLED |

SIGNED _____ PLANT _____ DATE 5/8/75

WNG

September 24, 1980
Supersedes Formula V-972
dated 9/23/80

MILFORD, VIRGINIA, PLANT FORMULA
READY MIX TOPPING COMPOUND V-972 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Topping Compound used for finishing joints and spotting nail heads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch | |
|---|---|---|---|---|---|
| Pyrophylite-SK | Bulking Agent | 1 | 7.284 | 150.00 | |
| Limestone | Filler | 13 | 83.620 | 1722.00 | |
| Methocel 240 | Water Retention | 163 | .340 | 7.00 | |
| -/ Proxel CRL | Preservative | -- | .112 | 2.31 | |
| Aqua-Fil K-8 | Bulking Agent | 229 | 3.448 | 71.00 | |
| C-9-136 Starch | Adhesive | 10 | .874 | 18.00 | |
| DuPont JCM | Adhesive | 185 | 4.322 | 89.00 | (10.0 gal) |
| Water * | Solvent | -- | -- | 1023.69 | (124 gal) |
| | | | 100.000 | 3083.00. | ** |

* Approximately 52 lbs/100 lbs of active ingredients (This may vary ± 8 gallons per batch.

** One batch yields 49 five-gallon pails Ready Mix Joint Compound at 62 lbs/pail.

SPECIAL MIXING INSTRUCTIONS - Blend ingredients in following order:
1) Water/PMA-30
2) JCM
3) Filler
4) Mix until Ready Mix is smooth - pumping viscosity should be 520 ± 20.

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

Specifications for Paste: If paste is not proper working consistency, a maximum of 5 cc water per 150 grams of paste may be added to adjust.

Brabender (520 ± 20): For machine tools, add 4 gallons $H_2O$ (470 ± 20).

pH: Minimum - 8.0 Maximum - 9.0 (24 hrs)

Continued on Page 2 . . . . . .

-/ denotes change

BGR:ps

**MILFORD FORMULA #972**
**ASBESTOS CONTAINING PRODUCTS**

SGP 0017576

GEORGIA-PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

TO:
~~Mr. M. A. Palmowski - Chicago~~
~~Mr. E. L. Aasen - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. J. Van - Portland~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. C. W. Lehnert - Tigard~~
~~Mr. D. C. Corkill - Portland~~
Mr. G. F. Fowler - Marietta
Tigard Lab ~~THIS COPY FOR~~

September 2, 1977

Enclosed please find the following Chicago Illinois, Plant Formula revisions and cancellations:

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |
| C-934 | TOPPING COMPOUND | CANCEL |
| C-952 | ALL PURPOSE COMPOUND | CANCEL |
| C-978 | READY MIX FILLER | REVISED |

Please sign and return the attached tear sheet.

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TO: TIGARD GYPSUM LAB

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |
| C-934 | TOPPING COMPOUND | CANCEL |
| C-952 | ALL PURPOSE COMPOUND | CANCEL |
| C-978 | READY MIX FILLER | REVISED |

SIGNED W. N. G. PLANT _____ DATE 9/2/77

WNG/9/2/77

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

December 2, 1975

Closed

TO:

~~Mr. M. A. Palmowski - Chicago~~
~~Mr. G. F. Fowler - Marietta~~
~~Mr. E. L. Aasen - Portland~~
~~Mr. J. Van - Portland~~
~~Mr. R. L. Dixon - Portland~~
~~Mr. J. B. Moss - Wilmington~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. C. W. Lehnert - Tigard~~
Tigard Lab ← THIS COPY FOR

Enclosed please find the following Chicago, Illinois, Plant Formula revisions:

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |

Please sign and return the attached tear sheet.

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TO: TIGARD GYPSUM LAB

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-923 | BEDDING COMPOUND | REVISED |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |

SIGNED W.N.G. PLANT _____ DATE 12/3/75

WNG

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

September 5, 1975

TO:

~~Mr. M. A. Palmowski - Chicago~~
~~Mr. G. F. Fowler - Marietta~~
~~Mr. E. L. Aasen - Portland~~
~~Mr. J. Van - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. J. B. Moss - Wilmington~~
~~Mr. C. W. Lehnert - Tigard~~
Tigard Lab ← THIS COPY FOR

Enclosed please find the following Chicago, Illinois, plant formula revisions:

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |

Please sign and return the attached tear sheet.

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TO: TIGARD GYPSUM LAB

| | | |
|---|---|---|
| C-903 | TRIPLE DUTY JOINT COMPOUND | REVISED |
| C-933 | TOPPING COMPOUND | REVISED |
| C-953 | ALL PURPOSE JOINT COMPOUND | REVISED |

SIGNED W. A. P. PLANT _____ DATE 9/8/75

WNG

SGP 0017174

CLOSED
10/19/81

GEORGIA-PACIFIC CORPORATION
Gypsum Division
Tigard, Oregon

October 1, 1981

TO:

~~Mr. Pat Hudgens - Portland~~
~~Mr. J. M. Herndon - Portland~~
~~Mr. C. W. Lehnert - Tigard~~

PLEASE CANCEL THE FOLLOWING CHICAGO, ILLINOIS PLANT FORMULAS:

| | |
|---|---|
| C-903, C-923, C-953 | Vinyl Joint Compounds |
| C-904 | Triple Duty Joint Compound |
| C-933 | Topping Compound |
| C-934 | Topping Compound |
| C-970 | Ready Mix Topping Compound (Hand Tools) |
| C-971 | Ready Mix Filler |
| C-972 | Ready Mix Joint Compound |

Please sign and return the attached tear sheet to the Tigard Lab.

TO: TIGARD GYPSUM LAB (Plant Formula)
Tigard, Oregon

| | |
|---|---|
| C-903, C-923, C-953 | Vinyl Joint Compounds |
| C-904 | Triple Duty Joint Compound |
| C-933 | Topping Compound |
| C-934 | Topping Compound |
| C-970 | Ready Mix Topping Compound (Hand Tools) |
| C-971 | Ready Mix Filler |
| C-972 | Ready Mix Joint Compound |

Signed: B. G. Randall Plant: _____ Date: _____

BGR:ps
10/1/81

SGP 0017175

January 18, 1980
Supersedes Formula C-903, C-923, C-953
Dated: 9/11/79

# CHICAGO, ILLINOIS, PLANT FORMULA

## VINYL JOINT COMPOUNDS C-903, C-923, C-953

DESCRIPTION OF PRODUCT - Multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| | Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|---|
| | Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| | Vanicide | Fungicide | 126 | .045 | 2 |
| | Gelvatol 6000 | Adhesive | 162 | 1.485 | 66 |
| | Englehart X-1927 | Fiber Filler | | 3.375 | 150 |
| | Mica p80-H | Anticracking Agent | 11 | 13.501 | 600 |
| -/ | Limestone | Filler | 13 | 77.004 | 3422 |
| * | Hamico 267 | Adhesive | 23 | .450 | 20 |
| -/ | Sorbitol (powdered) | Borax Stabilizer | | .315 | 14 |
| ** | Celite 266 | Body Builder | | 3.375 | 150 |
| | | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.

Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow ***

Specifications: Dried compound shall not vary in color from preceding batches.

* Staley 113-105 may be substituted at an equal loading.
** For yellow compound, add 4 lbs. yellow oxide per batch.
*** Celatom MW 27 may be substituted at an equal loading.

-/ denotes change

HCF:ps

September 11, 1979
N E W

CHICAGO, ILLINOIS, PLANT FORMULA
VINYL JOINT COMPOUNDS C-903, C-923, C-953

DESCRIPTION OF PRODUCT - Multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.485 | 66 |
| Englehart X-1927 | Fiber Filler | | 3.375 | 150 |
| Mica p80-H | Anticracking Agent | 11 | 13.501 | 600 |
| Limestone | Filler | 13 | 77.139 | 3428 |
| * Hamico 267 | Adhesive | 23 | .450 | 20 |
| Sorbitol (powdered) | Borax Stabilizer | | .180 | 8 |
| ** Celite 266 | Body Builder | | 3.375 | 150 |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.

Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow ***

Specifications: Dried compound shall not vary in color from preceding batches.

* Staley I13-105 may be substituted at an equal loading.
*** For yellow compound, add 4 lbs. yellow oxide per batch.
** Celatom MW 27 may be substituted at an equal loading.

-/ denotes change

January 18, 1980
Supersedes Formula C-903, C-923, C-953
Dated: 9/11/79

# CHICAGO, ILLINOIS, PLANT FORMULA

## VINYL JOINT COMPOUNDS C-903, C-923, C-953

DESCRIPTION OF PRODUCT - Multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| | Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|---|
| | Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| | Vanicide | Fungicide | 126 | .045 | 2 |
| | Gelvatol 6000 | Adhesive | 162 | 1.485 | 66 |
| | Englehart X-1927 | Fiber Filler | | 3.375 | 150 |
| | Mica p80-H | Anticracking Agent | 11 | 13.501 | 600 |
| -/ | Limestone | Filler | 13 | 77.004 | 3422 |
| * | Hamico 267 | Adhesive | 23 | .450 | 20 |
| -/ | Sorbitol (powdered) | Borax Stabilizer | | .315 | 14 |
| ** | Celite 266 | Body Builder | | 3.375 | 150 |
| | | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.

Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow ***

Specifications: Dried compound shall not vary in color from preceding batches.

* Staley I13-105 may be substituted at an equal loading.
** For yellow compound, add 4 lbs. yellow oxide per batch.
*** Celatom MW 27 may be substituted at an equal loading.

-/ denotes change

HCF:ps

September 11, 1979
N E W

# CHICAGO, ILLINOIS, PLANT FORMULA
## VINYL JOINT COMPOUNDS C-903, C-923, C-953

DESCRIPTION OF PRODUCT - Multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| | Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|---|
| | Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| | Vanicide | Fungicide | 126 | .045 | 2 |
| | Gelvatol 6000 | Adhesive | 162 | 1.485 | 66 |
| | Englehart X-1927 | Fiber Filler | | 3.375 | 150 |
| | Mica p80-H | Anticracking Agent | 11 | 13.501 | 600 |
| | Limestone | Filler | 13 | 77.139 | 3428 |
| * | Hamico 267 | Adhesive | 23 | .450 | 20 |
| | Sorbitol (powdered) | Borax Stabilizer | | .180 | 8 |
| ** | Celite 266 | Body Builder | | 3.375 | 150 |
| | | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.

Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow ***

Specifications: Dried compound shall not vary in color from preceding batches.

* Staley I13-105 may be substituted at an equal loading.
*** For yellow compound, add 4 lbs. yellow oxide per batch.
** Celatom MW 27 may be substituted at an equal loading.

-/ denotes change

December 8, 1967
NEW FORMULA

CHICAGO, ILLINOIS PLANT FORMULA

ALL PURPOSE COMPOUND C-953

DESCRIPTION OF PRODUCT - White multi-purpose Compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| Raw Materials | Source | R.M. Spec. | Percent | Lbs./Batch |
|---|---|---|---|---|
| Vancide 51Z | R. T. Vanderbilt Co. | 126 | 0.075 | 3.0 |
| Petro - AD | The Thornley Co. | 143 | 0.100 | 4.0 |
| Natrosol 250 HXR (Fine Grind) | Hercules Powder Co. | 170 | 0.300 | 12.0 |
| Zinc Oxide | Mallinkrodt Co. | 119 | 0.100 | 4.0 |
| Soda Ash | Open Market | 32 | 0.400 | 16.0 |
| Borax (Powdered) | Riverside Chem. Co. | | 0.150 | 6.0 |
| Casein 100 M | International Casein Co. | 10 | 4.500 | 180.0 |
| Asbestos 7RF9 | Phillip Carey | 9 | 5.500 | 220.0 |
| Mica P80H | Western Mica Co. | 11 | 16.000 | 640.0 |
| Nalco 71-D5 | Nalco Chemical Co. | | 0.025 | 1.0 |
| Limestone | Thomson-Weinman | 13 | 72.850 | 2914.0 |
| | | | 100.000 | 4000.0 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 72 | 66 | 69 |

ALKALINITY - Refer to Plant Testing Procedure No. 34.

| pH Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 9.2 | 8.8 | 9.0 |

Minimum soda ash content - 0.400%

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE -
Specifications: There shall be at most only a couple of very small cracks in the wedge.

COLOR -
Specifications: Dried compound should be a neutral color and match the standard sample.

kkt

February 16, 1968
Supersedes Formula No. C-953
Dated 12/8/67

CHICAGO, ILLINOIS PLANT FORMULA

ALL PURPOSE COMPOUND C-953

DESCRIPTION OF PRODUCT - White multi-purpose compound for taping, finishing, spotting nailheads and texturing.

-/ FORMULA

| Raw Materials | Function | R.M. Spec. | Percent | Lbs./Batch |
|---|---|---|---|---|
| Vancide 51Z | Fungicide | 126 | 0.075 | 3.0 |
| Petro AD | Wetting Agent | 143 | 0.100 | 4.0 |
| Natrosol 250 HXR | Water Retention | 170 | 0.300 | 12.0 |
| Zinc Oxide XX-2 | Viscosity Stabilizer | 119 | 0.100 | 4.0 |
| Soda Ash | Alkaline Source | 32 | 0.400 | 16.0 |
| Borax | Alkaline Source | 37 | 0.150 | 6.0 |
| Casein 100 M | Adhesive | 10 | 4.500 | 180.0 |
| Asbestos 7RF-9 | Bulk | 9 | 5.500 | 220.0 |
| Mica P80 H | Anti Cracking Agent | 11 | 16.000 | 640.0 |
| Nalco 71-D5 | Anti Foaming Agent | - | 0.025 | 1.0 |
| Limestone | Filler | 13 | 72.850 | 2914.0 |
| | | | 100.000 | 4000.0 |

-/ WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

ALKALINITY - Refer to Plant Testing Procedure No. 34.

| pH Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 9.2 | 8.8 | 9.0 |

Minimum soda ash content - 0.40%

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE -
Specifications: There shall be at most only a couple of very small cracks in the wedge.

COLOR -
Specifications: Dried compound should be a neutral color and match the standard sample.

-/ Denotes change in this reissue.

RRB:kkt

April 23, 1971
Supersedes Formula C-953
Dated 4/15/71

CHICAGO, ILLINOIS PLANT FORMULA

-/ ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - White multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| Raw Materials | Function | R.M. Spec. | Percent | Lbs./Batch |
|---|---|---|---|---|
| Vancide 51Z | Fungicide | 126 | 0.075 | 3.0 |
| Petro AD | Wetting Agent | 143 | 0.100 | 4.0 |
| Natrosol 250 HXR | Water Retention | 170 | 0.300 | 12.0 |
| Zinc Oxide XX-2 | Viscosity Stabilizer | 119 | 0.100 | 4.0 |
| Soda Ash | Alkaline Source | 32 | 0.400 | 16.0 |
| Borax | Alkaline Source | 37 | 0.150 | 6.0 |
| Casein 100 M | Adhesive | 10 | 4.500 | 180.0 |
| Asbestos 7RF-9 | Bulk | 9 | 5.500 | 220.0 |
| Mica 200 H | Anti Cracking Agent | 11 | 16.000 | 640.0 |
| Defoamer M111 | Anti Foaming Agent | 196 | 0.025 | 1.0 |
| Limestone | Filler | 13 | 72.850 | 2914.0 |
| | | | 100.000 | 4000.0 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

ALKALINITY - Refer to Plant Testing Procedure No. 34.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 9.2 | 8.8 | 9.0 |

Minimum soda ash content - 0.40%

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE -
Specifications: There shall be at most only a couple of very small cracks in the wedge.

COLOR -
Specifications: Dried compound should be a neutral color and match the standard sample.

-/ Denotes change in this reissue.

[illegible]

SGP 0017182

January 15, 1973
Chicago Formula #C-953
Reissued

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - Multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| Raw Materials | Source | RM Spec. | Percent | Lbs/Batch |
|---|---|---|---|---|
| Vancide 51Z | Fungicide | 126 | 0.075 | 3.0 |
| Petro-AD | Wetting Agent | 143 | 0.100 | 4.0 |
| Natrosol 250 HXR (Fine grind) | Water retention | 170 | 0.300 | 12.0 |
| Zinc Oxide | Viscosity stabilizer | 119 | 0.100 | 4.0 |
| Soda Ash | Alkaline source | 32 | 0.400 | 16.0 |
| Borax (Powdered) | Alkaline source | | 0.150 | 6.0 |
| Casein 100 M | Adhesive | 10 | 4.500 | 180.0 |
| Asbestos 7RF9 | Bulking agent | 9 | 5.500 | 220.0 |
| Mica P80H | Anti-cracking agent | 11 | 16.000 | 640.0 |
| Defoamer M111 | Anti-foaming agent | 196 | 0.025 | 1.0 |
| Limestone | Filler | 13 | 72.850 | 2914.0 |
| | | | 100.000 | 4000.0 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 72 | 66 | 69 |

ALKALINITY - Refer to Plant Testing Procedure No. 34.

| pH Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 9.2 | 8.8 | 9.0 |

Minimum soda ash content - 0.40%

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE -
Specifications: There shall be at most only a couple of very small cracks in the wedge.

COLOR -
Specifications: Dried compound should be a neutral color and match the standard sample.

NOTE: For yellow compound, add 4 lbs. of yellow oxide 2087 perlite.

EDO:elz

August 9, 1974
Supersedes: Chicago Formula #C-953
Dated 1/15/74

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - Multi-purpose compound for taping, finishing, spotting nailheads and texturing.

FORMULA

| Raw Materials | Source | RM Spec. | Percent | Lbs/Batch |
|---|---|---|---|---|
| Vancide 51Z | Fungicide | 126 | 0.075 | 3.0 |
| Petro-AD | Wetting Agent | 143 | 0.100 | 4.0 |
| -/ Methocel 228 | Water retention | 170 | 0.300 | 12.0 |
| Zinc Oxide | Viscosity stabilizer | 119 | 0.100 | 4.0 |
| Soda Ash | Alkaline source | 32 | 0.400 | 16.0 |
| Borax (Powdered) | Alkaline source | | 0.150 | 6.0 |
| Casein 100 M | Adhesive | 10 | 4.500 | 180.0 |
| Asbestos 7RF9 | Bulking agent | 9 | 5.500 | 220.0 |
| Mica P80H | Anti-cracking agent | 11 | 16.000 | 640.0 |
| Defoamer M111 | Anti-foaming agent | 196 | 0.025 | 1.0 |
| Limestone | Filler | 13 | 72.850 | 2914.0 |
| | | | 100.000 | 4000.0 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 72 | 66 | 69 |

ALKALINITY - Refer to Plant Testing Procedure No. 34.

| pH Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 9.2 | 8.8 | 9.0 |

Minimum soda ash content - 0.40%

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE -
Specifications: There shall be at most only a couple of very small cracks in the wedge.

COLOR -
Specifications: Dried compound should be a neutral color and match the standard sample.

NOTE: For yellow compound, add 4 lbs. of yellow oxide 2087 ~~perlite~~.

WNG:elz

-/ denotes change

May 7, 1975
Formula C-953
NEW

# CHICAGO, ILLINOIS, PLANT FORMULA
# ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .50 | 20 |
| Vanicide | Fungicide | 126 | .05 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.00 | 40 |
| Attagel 40 | Fiber filler | 9 | 4.00 | 160 |
| Mica p80-H | Anticracking agent | 11 | 12.00 | 480 |
| Limestone | Filler | 13 | 81.45 | 3258 |
| Hamico 267 | Adhesive | 23 | 1.00 | 40 |
| | | | 100.00 | 4000 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 60 | 55 | 58 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the [illegible]

[illegible] of yellow
Specifications: Dried compound shall not vary in color from preceding batches.

* For yellow compound, add 4 lbs. yellow oxide per batch.

WNG:jg

Sept 4, 1975
~~May 7, 1975~~
Supersedes Formula C-953
-NEW [illegible] 5/7/75

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .50 | 20 |
| Vanicide | Fungicide | 126 | .05 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.00 | 40 |
| Attagel 40 | Fiber filler | 9 | 4.00 | 160 |
| Mica p80-H | Anticracking agent | 11 | ~~12.00~~ | ~~480~~ |
| Limestone | Filler | 13 | ~~81.45~~ | ~~3258~~ |
| Hamico 267 | Adhesive | 23 | 1.00 | 40 |
| | | | 100.00 | 4000 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | ~~60~~ 67 | ~~55~~ 63 | 58-65 |

WORKING PROPERTIES Specifications: - Refer to Plant Testing Procedure No. 33. Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES Specifications: - Refer to Plant Testing Procedure No. 35. After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR Specifications: - White or yellow* Dried compound shall not vary in color from preceding batches.

* For yellow compound, add 4 lbs. yellow oxide per batch.

WNG:jg

September 4, 1975
Supersedes Formula C-953
Dated 5/7/75

# CHICAGO, ILLINOIS, PLANT FORMULA
# ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .50 | 20 |
| Vanicide | Fungicide | 126 | .05 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.00 | 40 |
| Attagel 40 | Fiber filler | 9 | 4.00 | 160 |
| -/ Mica p80-H | Anticracking agent | 11 | 21.25 | 850 |
| -/ Limestone | Filler | 13 | 72.20 | 2888 |
| Hamico 267 | Adhesive | 23 | 1.00 | 40 |
| | | | 100.00 | 4000 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| -/ | 67 | 63 | 65 |

WORKING PROPERTIES
Specifications: - Refer to Plant Testing Procedure No. 33. Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES
Specifications: - Refer to Plant Testing Procedure No. 35. After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR
Specifications: - White or yellow*
Dried compound shall not vary in color from preceding batches.

* For yellow compound, add 4 lbs. yellow oxide per batch.

WNG:jg

-/ denotes change

September 4, 1975
Supersedes Formula C-953
Dated 5/7/75

# CHICAGO, ILLINOIS, PLANT FORMULA
# ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .50 | 20 |
| Vanicide | Fungicide | 126 | .05 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.00 | 40 |
| Attagel 40 | Fiber filler | 9 | 4.00 | 160 |
| -/ Mica p80-H | Anticracking agent | 11 | 21.25 | 850 |
| -/ Limestone | Filler | 13 | ~~72.20~~ | ~~2888~~ |
| Hamico 267 | Adhesive | 23 | 1.00 | 40 |
| | | - | | |
| | | | 100.00 | 4000 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| -/ | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

* For yellow compound, add 4 lbs. yellow oxide per batch.

WNG:jg

-/ denotes change

December 1, 1975
Supersedes Formula C-953
Dated 9/4/75

# CHICAGO, ILLINOIS, PLANT FORMULA
# ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .50 | 20 |
| Vanicide | Fungicide | 126 | .05 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.00 | 40 |
| Attagel 40 | Fiber filler | 9 | 4.00 | 160 |
| Mica p80-H | Anticracking agent | 11 | 21.25 | 850 |
| -/ Limestone | Filler | 13 | 72.0 | 2880 |
| Hamico 267 | Adhesive | 23 | 1.00 | 40 |
| -/ Sorbitol (Powdered) | Borax Stabilizer | - | .2 | 8 |
| | | | 100.00 | 4000 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES Specifications: - Refer to Plant Testing Procedure No. 33. Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES Specifications: - Refer to Plant Testing Procedure No. 35. After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR Specifications: - White or yellow* Dried compound shall not vary in color from preceding batches.

* For yellow compound, add 4 lbs. yellow oxide per batch.

WNG:jg

-/ denotes change

November 23, 1976
Supersedes Formula C-953
Dated: 12/1/75-
11/23/76

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

-/ FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| [illegible] ND | [illegible] | 126 | .090 | 4 |
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| Gelvatol 6000 | Adhesive | 162 | .990 | 44 |
| Attagel 40 | Fiber filler | 9 | 3.600 | 160 |
| Mica p80-H | Anticracking agent | 11 | 19.127 | 850 |
| Limestone | Filler | 13 | 74.618 ~~74.708~~ | 3320 3216 |
| Hamico 267 | Adhesive | 23 | .900 | 40 |
| Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

*For yellow compound, add 4 lbs. yellow oxide per batch.

WNG/gvp

-/ denotes change

November 23, 1976
Supersedes Formula C-953
Dated: 12/1/75

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

-/ FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| Gelvatol 6000 | Adhesive | 162 | .990 | 44 |
| Attagel 40 | Fiber filler | 9 | 3.600 | 160 |
| Mica p80-H | Anticracking agent | 11 | 19.127 | 850 |
| Limestone | Filler | 13 | 74.708 | 3320 |
| Hamico 267 | Adhesive | 23 | .900 | 40 |
| Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

*For yellow compound, add 4 lbs. yellow oxide per batch.

WNG/gvp

-/ denotes change

TAB. 10 ...
December 1, 1976
Supersedes Formula C-953
Dated: 11/23/76
12/1/76

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Petro AD | Dispersant | 126 | .090 | 4 |
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| Gelvatol 6000 | Adhesive | 162 | .990 | 44 |
| -/ ~~Attage 40~~ MINUGEL FG | Fiber filler | ~~9~~ 5.626 | ~~3.600~~ | ~~160~~ 250 |
| Mica p 0-H | Anticracking agent | 11 | 19.127 | 850 |
| -/ Limestone | Filler | 13 | 72.592 ~~74.618~~ | ~~3316~~ 3226 |
| Hamico 267 | Adhesive | 23 | .900 | 40 |
| Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

*For yellow compound, add 4 lbs. yellow oxide per batch.

WNG/~~jg~~ JP
-/ denotes change

December 1, 1976
Supersedes Formula C-953
Dated: 11/23/76

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| | Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|---|
| -/ | Petro AD | Dispersant | 126 | .090 | 4 |
| | Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| | Vanicide | Fungicide | 126 | .045 | 2 |
| | Gelvatol 6000 | Adhesive | 162 | .990 | 44 |
| | Attagel 40 | Fiber filler | 9 | 3.600 | 160 |
| | Mica p80-H | Anticracking agent | 11 | 19.127 | 850 |
| -/ | Limestone | Filler | 13 | 74.618 | 3316 |
| | Hamico 267 | Adhesive | 23 | .900 | 40 |
| | Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| | | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

*For yellow compound, add 4 lbs. yellow oxide per batch.

WNG/jg

-/ denotes change

January 10, 1977
Supersedes Formula C-953
Dated: 12/1/76

# CHICAGO, ILLINOIS, PLANT FORMULA
# ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| | Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|---|
| | Petro AD | Dispersant | 126 | .090 | 4 |
| | Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| | Vanicide | Fungicide | 126 | .045 | 2 |
| | Gelvatol 6000 | Adhesive | 162 | .990 | 44 |
| -/ | Minugel FG | Fiber filler | | 5.626 | 250 |
| | Mica p80-H | Anticracking agent | 11 | 19.127 | 850 |
| -/ | Limestone | Filler | 13 | 72.592 | 3226 |
| | Hamico 267 | Adhesive | 23 | .900 | 40 |
| | Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| | | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

*For yellow compound, add 4 lbs. yellow oxide per batch.

WNG/gp

-/ denotes change

Supersedes Formula C-953
Dated: ~~12/1/76~~
1/10/77

# CHICAGO, ILLINOIS, PLANT FORMULA
## ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| ~~Petro AD~~ | ~~Dispersant~~ | ~~126~~ | ~~.090~~ | ~~4~~ |
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.485 ~~.990~~ | ~~44~~ 66 |
| -/ Minugel FG | Fiber filler | | 3.375 ~~5.626~~ | ~~250~~ 150 |
| Mica p80-H | Anticracking agent | 11 | 13.5 ~~19.127~~ | ~~850~~ 600 |
| -/ Limestone | Filler | 13 | 77.139 ~~72.592~~ | ~~3226~~ 3446 |
| -/ Hamico 267 | Adhesive | 23 | .450 ~~.900~~ | ~~40~~ 20 |
| Sorbitol (Powdered) | Borax Stabilizer | - | ~~.180~~ | ~~8~~ |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

*For yellow compound, add 4 lbs. yellow oxide per batch.

WNG/gp

-/ denotes change

August 24, 1977
Supersedes Formula C-953
Dated: 1/10/77

# CHICAGO, ILLINOIS, PLANT FORMULA
# ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| -/ Gelvatol 6000 | Adhesive | 162 | 1. 485 | 66 |
| -/ Englehart X-1927 | Fiber filler | | 3.375 | 150 |
| -/ Mica p80-H | Anticracking agent | 11 | 13.501 | 600 |
| -/ Limestone | Filler | 13 | 77.139 | 3428 |
| -/* Hamico 267 | Adhesive | 23 | .450 | 20 |
| Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| -/** Celite 266 | Body Builder | | 3.375 | 150 |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow***
Specifications: Dried compound shall not vary in color from preceding batches.

* Staley I13-105 may be substituted at equal loading.
*** For yellow compound, add 4 lbs. yellow oxide per batch.
**Celatom MW27 may be substituted at an equal loading.

WNG/gp

-/ denotes change.

Supersedes Formula C-953
Dated: 1/10/77

CHICAGO, ILLINOIS, PLANT FORMULA
ALL PURPOSE JOINT COMPOUND C-953

DESCRIPTION OF PRODUCT - All purpose compound for taping, finishing, and spotting nailheads.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .450 | 20 |
| Vanicide | Fungicide | 126 | .045 | 2 |
| -/ Gelvatol 6000 | Adhesive | 162 | 1. 485 | 66 |
| -/ Englehart X-1927 | Fiber filler | | 3.375 | 150 |
| -/ Mica p80-H | Anticracking agent | 11 | 13.501 | 600 |
| -/ Limestone | Filler | 13 | 77.139 | 3428 |
| -/* Hamico 267 | Adhesive | 23 | .450 | 20 |
| Sorbitol (Powdered) | Borax Stabilizer | - | .180 | 8 |
| -/** Celite 266 | Body Builder | | 3.375 | 150 |
| | | | 100.000 | 4444 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 67 | 63 | 65 |

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR - White or yellow*
Specifications: Dried compound shall not vary in color from preceding batches.

* Staley 113-105 may be substituted at equal loading.
*** For yellow compound, add 4 lbs. yellow oxide per batch.
**Celatom MW27 may be substituted at an equal loading.

WNG/gp

-/ denotes change

MH 6
~~April 30,~~ 1975
Formula C-~~903~~ 953
NEW

CHICAGO, ILLINOIS, PLANT FORMULA
~~TRIPLE DUTY~~ JOINT COMPOUND C-~~903~~ 953

DESCRIPTION OF PRODUCT - ~~Multi-~~purpose compound for taping, finishing, AND spotting nailheads, ~~and texturing~~. ~~For trial shipment only~~.

FORMULA

| Raw Material | Function | RM Spec | Percent | Lbs/Batch |
|---|---|---|---|---|
| Natrosol 250 HXR | Thickener | 170 | .50 | 20 |
| Vanicide | Fungicide | 126 | .05 | 2 |
| Gelvatol 6000 | Adhesive | 162 | 1.00 | 40 |
| Attagel 40 | Fiber Filler | 9 | 4.00 | 160 |
| Mica p80-H | Anticracking agent | 11 | 12.00 | 480 |
| Limestone | Filler | | 81.45 | 3258 |
| Hamico 267 | Adhesive | 23 | 1.00 | 40 |
| | | | 100.00 | 4000 |

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.

| Specifications: | Maximum | Minimum | Average |
|---|---|---|---|
| | 60 | 55 | 58 |

WORKING PROPERTIES
Specifications: - Refer to Plant Testing Procedure No. 33. Wet mix shall be plastic and buttery working and free of grit or coarse particles.

BONDING PROPERTIES
Specifications: - Refer to Plant Testing Procedure No. 35. After compound has dried, tape shall delaminate when peeled back.

CRACK RESISTANCE - There shall be at most only a couple of very small cracks in the wedge.

COLOR
Specifications: - White or yellow*
Dried compound shall not vary in color from preceding batches.

* For yellow compound, add 4 lbs. yellow oxide per batch.

WNG:jg

CHICAGO FORMULA #953
ASBESTOS CONTAINING PRODUCTS

SGP 0017168