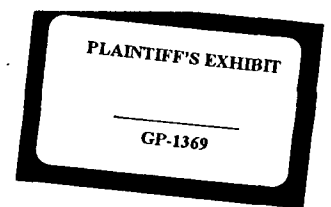


GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON



December 1, 1976

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. J. B. Moss - Wilmington~~
~~Mr. A. J. Petraline - Wilmington~~
~~Mr. C. W. Lehner - Tigard~~
Tigard Lab

Closed

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.

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. A. F. PLANT _____ DATE 12-14-76

WNG
12/1/76

SGP 0017621

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.

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

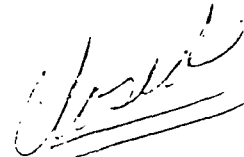
SGP 0017622

GEORGIA-PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

May 4, 1977

TO:

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



Enclosed please find the following NEW Chicago, Illinois Plant Formulas:

C-952	ALL PURPOSE COMPOUND	NEW
C-934	TOPPING COMPOUND	NEW

The following Chicago, Illinois Plant Formulas have been Cancelled:

C-936	TOPPING COMPOUND	CANCELLED
C-956	ALL PURPOSE COMPOUND	CANCELLED
C-970	READY MIX FILLER	CANCELLED
C-973	READY MIX FILLER	CANCELLED
C-974	READY MIX TOPPING COMPOUND (HAND TOOLS)	CANCELLED
C-976	READY MIX JOINT COMPOUND (HAND TOOLS)	CANCELLED

Please sign and return the attached tear sheet.

TO: TIGARD GYPSUM LAB

C-952	ALL PURPOSE COMPOUND	NEW
C-934	TOPPING COMPOUND	NEW
C-936	TOPPING COMPOUND	CANCELLED
C-956	ALL PURPOSE COMPOUND	CANCELLED
C-970	READY MIX FILLER	CANCELLED
C-973	READY MIX FILLER	CANCELLED
C-974	READY MIX TOPPING COMPOUND (HAND TOOLS)	CANCELLED
C-976	READY MIX JOINT COMPOUND (HAND TOOLS)	CANCELLED

SIGNED W. A. Petral PLANT _____ DATE 5/4/77

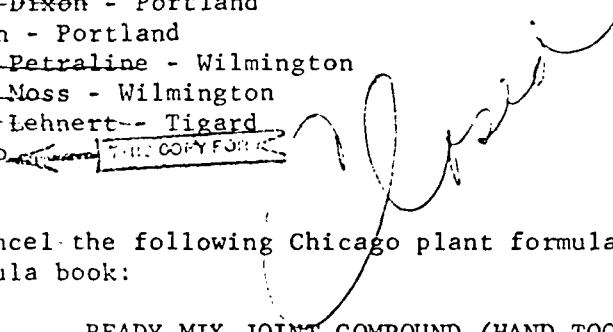
WNG/gvp
5/4/77

SGP 0017623

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

May 28, 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 

Please cancel the following Chicago plant formulas by removing them from your formula book:

C-976	READY MIX JOINT COMPOUND (HAND TOOLS)	CANCELLED
C-978	READY MIX FILLER (FILLER X)	CANCELLED

Attached find the following Chicago plant formula revisions:

C-970	READY MIX FILLER	REVISED
C-971	READY MIX JOINT COMPOUND (HAND TOOLS)	REVISED
C-972	READY MIX FILLER	REVISED
C-973	READY MIX FILLER (FILLER X)	REVISED
C-974	READY MIX TOPPING COMPOUND (HAND TOOLS)	REVISED
C-975	READY MIX TOPPING COMPOUND (MACHINE)	REVISED

Please sign and return the attached tear sheet.

TO: TIGARD GYPSUM LAB

C-976	READY MIX JOINT COMPOUND	CANCELLED
C-978	READY MIX FILLER	CANCELLED
C-970	READY MIX FILLER	REVISED
C-971	READY MIX JOINT COMPOUND	REVISED
C-972	READY MIX FILLER	REVISED
C-973	READY MIX FILLER	REVISED
C-974	READY MIX TOPPING COMPOUND	REVISED
C-975	READY MIX TOPPING COMPOUND	REVISED

SIGNED W. J. G. PLANT DATE 5/28/75

WNG

SGP 0017624

GEORGIA-PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

March 23, 1976

TO:

~~Mr. M. A. Palmowski - Chicago~~
~~Mr. G. P. 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 new Chicago, Illinois Plant Formula:

C-973	READY MIX FILLER	NEW
-------	------------------	-----

Please cancel the following Chicago, Illinois Plant Formulas by removing them from your formula book:

C-972	READY MIX FILLER	CANCEL
C-975	READY MIX TOPPING COMPOUND (MACHINE TOOLS)	CANCEL
C-979	READY MIX JOINT COMPOUND (HAND TOOLS)	CANCEL

Please sign and return the attached tear sheet:

TO: TIGARD GYPSUM LAB

C-973	READY MIX FILLER	NEW
C-972	READY MIX FILLER	CANCEL
C-975	READY MIX TOPPING COMPOUND (MACHINE TOOLS)	CANCEL
C-979	READY MIX JOINT COMPOUND (HAND TOOLS)	CANCEL

SIGNED

W. N. Y.

PLANT

DATE

3/24/76

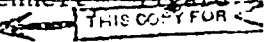
WNG

SGP 0017625

GEORGIA-PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

November 24, 1976

TO:

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

Closed

Enclosed please find the following Acme, Texas Plant Formula Revisions:

TEX-973	READY MIX FILLER	REVISED
TEX-974	READY MIX FILLER	REVISED
TEX-976	READY MIX FILLER (FILLER "X")	REVISED

Please sign and return the attached tear sheet.

TO: TIGARD GYPSUM LAB

TEX-973	READY MIX FILLER	REVISED
TEX-974	READY MIX FILLER	REVISED
TEX-976	READY MIX FILLER (FILLER "X")	REVISED

SIGNED W. N. P. PLANT _____ DATE 12-1-76

WNG

SGP 0017626

GEORGIA-PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

July 14, 1976

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~~

Closed

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

C-973	READY MIX FILLER	REVISED
C-974	READY MIX TOPPING COMPOUND (HAND TOOLS)	REVISED

Please sign and return the attached tear sheet:

TO: TIGARD GYPSUM LAB

C-973	READY MIX FILLER	REVISED
C-974	READY MIX TOPPING COMPOUND (HAND TOOLS)	REVISED

SIGNED W. J. A. PLANT _____ DATE 7/26/76

WNG

SGP 0017627

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

April 19, 1978

TO:

Mr. M. A. Palmowski - Chicago
~~Mr. G. F. Fowler - Marietta~~
~~Mr. D. C. Corkill - Portland~~
~~Mr. E. L. Aasen - Portland~~
~~Mr. J. Van - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. C. W. Lehment - Tigard~~
Tigard Lab ← ~~THIS CO.~~

Enclosed please find the following Chicago, Illinois, Plant
Formulas:

C-973 ✓	READY MIX FILLER	NEW
C-974	READY MIX JOINT COMPOUND (HAND TOOLS)	NEW
C-974	PAGE 2	NEW
C-975	READY MIX TOPPING COMPOUND (HAND TOOLS)	NEW

Please sign and return the attached tear sheet.

TO: TIGARD GYPSUM LAB

C-973	READY MIX FILLER	NEW
C-974	READY MIX JOINT COMPOUND (HAND TOOLS)	NEW
C-974	PAGE 2	NEW
C-975	READY MIX TOPPING COMPOUND (HAND TOOLS)	NEW

SIGNED *Robert James* PLANT _____ DATE 4-24-78
HCF
4/19/78

SGP 0017628

February 22, 1978
Supersedes Formula C-978
Dated: 2/15/78

CHICAGO, ILLINOIS PLANT FORMULA
READY MIX FILLER C-978-975

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-977 & ~~C-978~~ ⁹⁷⁴
~~C-979~~ ⁹⁷⁵

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Limestone	Filler	13	84.811	3769
Mica	Anti-cracking	11	7.314	325
-/ Methocel 856-S	Water Retention	170	.450	20
Minugel FG	Bulking Agent	8	1.800	80
Magnesium Oxide (Heavy)	Viscosity Stabilizer	-	.135	6
- Pyrophyllite-SK	Bulking Agent	-	4.500	200
Sorbitol (Powdered)	Borax Stabilizer	-	.09	4
*Hamco-267	Adhesive	23	.900	40
			100.000	4444

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

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
62	58	60

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR - White
Specifications Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-979 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-979.

* Staley-113-105 may be substituted at an equal loading.

Please Note: Dowicil-75 can be used at a loading of .27% (12 lbs/batch).
When Proxcel is not used.

-/ denotes change

HCF:jr

SGP 0017629

CLOSED 3/30/81

GEORGIA-PACIFIC CORPORATION

GYPSUM DIVISION
TIGARD, OREGON

December 17, 1979

TO:

Mr. M. A. Palmowski - Chicago
~~Mr. E. L. Aasen - Portland~~
~~Mr. D. C. Corkill - Portland~~
~~Ms. R. L. Dixon - Portland~~
~~Mr. C. W. Lehnert - Tigard~~

Tigard Lab

Enclosed please find the following CHICAGO, ILLINOIS
Plant Formulas:

C-970	Ready Mix Topping Compound (Hand Tools)	<u>N E W</u>
C-971	Ready Mix Filler	Revised
C-972	Ready Mix Joint Compound (Hand Tools)	Revised
C-973 ✓	Ready Mix Filler	CANCEL
C-974	Ready Mix Joint Compound (Hand Tools)	CANCEL
C-975	Ready Mix Topping Compound (Hand Tools)	CANCEL

-----Please sign and return the attached tear sheet.-----

TO: TIGARD GYPSUM LAB

C-970	Ready Mix Topping Compound (Hand Tools)	<u>N E W</u>
C-971	Ready Mix Filler	Revised
C-972	Ready Mix Joint Compound (Hand Tools)	Revised
C-973	Ready Mix Filler	CANCEL
C-974	Ready Mix Joint Compound (Hand Tools)	CANCEL
C-975	Read Mix Topping Compound (Hand Tools)	CANCEL

Signed: Hubert C. Brown Plant: LAB Date: 12-17-79

HCF:ps
12/17/79

SGP 0017630

December 15, 1978
Supersedes Formula C-973
Dated 7/27/78

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 & Topping
Compound C-975

<u>FORMULA</u> <u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Pyrophyllite	Bulking Agent	--	4.500	250
-/Limestone	Filler	13	86.050	4780
Mica	Anti-cracking	11	1.800	100
Methocel 8898-2	Water Retention	170	.360	20
*Staramic - 105	Adhesive	23	.900	50
Minugel FG	Bulking Agent	8	1.800	100
Soda Ash (Powdered)	Viscosity Stabilizer	32	.09	5
Aquafil - K8	Bulking Agent	--	4.500	250
		--		
			100.000	5555

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
62	58	60

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33.

Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR

Specifications

- White

Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

-/Please note: Dowicil-75 can be used at a loading of .36% (16 lbs/batch), when Proxcel is not used.

-/ denotes change

HCF:lj

SGP 0017631

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

May 2, 1978

TO:

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

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

C-970	READY MIX FILLER	CANCELLED
C-971	READY MIX TOPPING COMPOUND	CANCELLED
C-977	READY MIX JOINT COMPOUND	CANCELLED
C-978	READY MIX FILLER	CANCELLED
C-979	READY MIX JOINT COMPOUND	CANCELLED
C-973✓	READY MIX FILLER	REVISED

Please sign and return the attached tear sheet.

TO: TIGARD GYPSUM LAB

C-970	READY MIX FILLER	CANCELLED
C-971	READY MIX TOPPING COMPOUND	CANCELLED
C-977	READY MIX JOINT COMPOUND	CANCELLED
C-978	READY MIX FILLER	CANCELLED
C-979	READY MIX JOINT COMPOUND	CANCELLED
C-973	READY MIX FILLER	REVISED

SIGNED

HCF

5/2/78

PLANT

LAB

DATE 5-3-78

SGP 0017632

April 19, 1978
Formula C-973
NEW

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 & Topping Compound C-975

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Limestone	Filler	13	88.615	3938
Mica	Anti-cracking	11	3.600	160
Methocel 856-S	Water Retention	170	.360	16
*Staramic - 105	Adhesive	23	.900	40
Minugel FG	Bulking Agent	8	1.800	80
Magnesium Oxide (Heavy)	Viscosity Stabilizer	--	.09.125	64
Aquafil - K8	Bulking Agent	--	4.500	200
Sorbitol (Powdered)	Borax Stabilizer	--	.090	4
			100.000	4444

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
62	58	60

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR
Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

Please note: Dowicil-75 can be used at a loading of ~~24%~~^{13%} (~~12~~¹⁶ lbs/batch), when Proxcel is not used

HCF:jg

SGP 0017633

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

December 18, 1978

TO:

Mr. M. A. Palmowski - Chicago
✓ ~~Mr. E. L. Aasen - Portland~~
✓ ~~Mr. J. Van - Portland~~
✓ ~~Ms. R. L. Dixon - Portland~~
✓ ~~Mr. D. C. Corkill - Portland~~
✓ ~~Mr. G. F. Fowler - Marietta~~
✓ ~~Mr. C. W. Lehnert - Tigard~~
✓ ~~Tigard Lab~~

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

C-973

READY MIX FILLER

REVISED

Please sign and return the attached tear sheet.

TO: TIGARD GYPSUM LAB

C-973

READY MIX FILLER

REVISED

SIGNED

GWG

12/18/78

PLANT

DATE

12/18/78

SGP 0017634

July 27, 1978
Supersedes Formula C-973
Dated 5/2/78

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 & Topping Compound C-975

<u>FORMULA</u> <u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Pyrophyllite	Bulking Agent	--	4.500	250
-/Limestone	Filler	13	85.960 ^{86.05}	4775 ⁴⁷⁷⁰
Mica	Anti-cracking	11	1.800	100
Methocel 8898-2	Water Retention	170	.360	20
*Staramic - 105	Adhesive	23	.900	50
Minugel FG	Bulking Agent	8	1.800	100
Soda Ash (Powdered)	Viscosity Stabilizer	32	.09	5
Aquafil - K8	Bulking Agent	--	4.500	250
Sorbitol-(Powdered)	Borax Stabilizer	--	.090	5
			100.000	5555

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
62	58	60

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR
Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

-/Please note: Dowicil-75 can be used at a loading of .36% (16 lbs/batch), when Proxcel is not used.

-/ denotes change

HCF:lj

SGP 0017635

GEORGIA PACIFIC CORPORATION
GYPSUM DIVISION
TIGARD, OREGON

August 2, 1978

TO:

Mr. M. A. Palmowski - Chicago
✓ ~~Mr. E. L. Aasen - Portland~~
✓ ~~Mr. J. Van - Portland~~
✓ ~~Mr. R. L. Kerl - Portland~~
✓ ~~Mr. G. F. Fowler - Marietta~~
✓ ~~Mr. D. C. Corkill - Portland~~
✓ ~~Mr. G. W. Lehnert - Tigard~~
✓ ~~Tigard Lab - G GREEVE~~

THIS COPY FOR C

Enclosed please find the following Chicago, Illinois, Plant Formula revision.

C-973

READY MIX FILLER

REVISED

Please sign and return the attached tear sheet.

To: TIGARD GYPSUM LAB

C-973

READY MIX FILLER

REVISED

SIGNED CLLZ PLANT _____ DATE _____

HCF

8/2/78

SGP 0017636

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 & Topping Compound C-975

<u>FORMULA</u> <u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Pyrophyllite	Bulking Agent	--	4.500	250
-/Limestone	Filler	13	85.960	4775
Mica	Anti-cracking	11	1.800	100
Methocel 8898-2	Water Retention	170	.360	20
*Staramic - 105	Adhesive	23	.900	50
Minugel FG	Bulking Agent	8	1.800	100
Soda Ash (Powdered)	Viscosity Stabilizer	32	.09	5
Aquafil - K8	Bulking Agent	--	4.500	250
Sorbitol (Powdered)	Borax Stabilizer	--	.090	5
			100.000	5555

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
62	58	60

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR
Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

-/Please note: Dowicil-75 can be used at a loading of .36% (16 lbs/batch), when Proxccl is not used.

-/ denotes change

HCF:lj

April 19, 1978
Formula C-973
NEW

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 & Topping Compound C-975

<u>FORMULA</u> <u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Limestone	Filler	13	88.615	3938
Mica	Anti-cracking	11	3.600	160
Methocel 856-S	Water Retention	170	.360	16
*Staramic - 105	Adhesive	23	.900	40
Minugel FG	Bulking Agent	8	1.800	80
Magnesium Oxide (Heavy)	Viscosity Stabilizer	--	.135	6
Aquafil - K8	Bulking Agent	--	4.500	200
Sorbitol (Powdered)	Borax Stabilizer	--	.090	4
			100.000	4444

<u>WORKING CONSISTENCY</u> <u>Specifications</u>	- Refer to Plant Testing Procedure No. 32.
	<u>Maximum</u> <u>Minimum</u> <u>Average</u>
	62 58 60

WORKING PROPERTIES
Specifications - Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR
Specifications - White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

Please note: Dowicil-75 can be used at a loading of .27% (12 lbs/batch), when Proxcel is not used

HCF:jg

SGP 0017638

May 2, 1978
Supersedes Formula C-973
Dated 4/19/78

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 &
Topping Compound C-975

<u>FORMULA</u> <u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/Limestone	Filler	13	88.660	3940
Mica	Anti-cracking	11	3.600	160
Methocel 856-S	Water Retention	170	.360	16
*Staramic - 105	Adhesive	23	.900	40
Minugel FG	Bulking Agent	8	1.800	80
-/Magnesium Oxide (Heavy)	Viscosity Stabilizer	--	.09	4
Aquafil - K8	Bulking Agent	--	4.500	200
Sorbitol (Powdered)	Borax Stabilizer	--	.090	4
			100.000	4444

<u>WORKING CONSISTENCY</u> <u>Specifications</u>	- Refer to Plant Testing Procedure No. 32.		
	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
	62	58	60

WORKING PROPERTIES
Specifications - Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR
Specifications - White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

-/Please note: Dowicil-75 can be used at a loading of .36% (16 lbs/batch), when Proxcel is not used

-/ denotes change

HCF:jg

SGP 0017639

December 15, 1978
Supersedes Formula C-973
Dated 7/27/78

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound C-974 & Topping
Compound C-975

<u>FORMULA</u> <u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Pyrophyllite	Bulking Agent	--	4.500	250
-/Limestone	Filler	13	86.050	4780
Mica	Anti-cracking	11	1.800	100
Methocel 8898-2	Water Retention	170	.360	20
*Staramic - 105	Adhesive	23	.900	50
Minugel FG	Bulking Agent	8	1.800	100
Soda Ash (Powdered)	Viscosity Stabilizer	32	.09	5
Aquafil - K8	Bulking Agent	--	4.500	250
	--			
			100.000	5555

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
62	58	60

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33.

Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR

Specifications

- White

Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. 974.

*Hamico 267 may be substituted at an equal loading.

-/Please note: Dowicil-75 can be used at a loading of .36% (16 lbs/batch), when Proxcel is not used.

-/ denotes change

HCF:lj

SGP 0017640

January 10, 1977
Supersedes: Formula C-973
Dated: 12/1/76

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/ Sorbitol	Borax Stabilizer	-	.075	3.00
Asbestos SG 210	Bulking Agent	18	1.75	70.00
Asbestos 7RF02	Bulking Agent	9	1.75	70.00
-/ Troysan PMA-10-SEP	Preservative	-	.20	8.00
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
-/ Limestone	Filler	13	75.975	3039.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
57	53	55

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR

Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

-/ denotes change

WNG:gvp

SGP 0017641

March 6, 1974
New Formula C-973

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973 (FILLER "X")

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping joint compound
C-974 and C-975

<u>FORMULA</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
T.P. Blend Talc	Slip agent		10.00	400.00
Asbestos 7RF09	Bulking Agent	9	5.00	200.00
Dowicil 75	Fungicide	193	.20	8.00
Gelvitol 3000	Adhesive	162	.50	20.00
Gendriv 492S	Water retention aid	223	.50	20.00
Mica	Anti-cracking agent	11	6.00	240.00
Asbestos (SG-210)	Bulking agent	--	1.00	40.00
Limestone	Filler	13	<u>76.80</u>	<u>3072.00</u>
			100.00	4000.00

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

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
57	53	55

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR - White
Specifications: Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

WNG:jg

SGP 0017642

May 20, 1974
Supersedes: Formula C-973
Dated 3/6/74

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973 (FILLER "X")

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping joint compound C-974 & C-975.

FORMULA

-/

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
T.P. Blend Talc	Slip agent	--	10.00	400.00
Asbestos 7RF02 "	Bulking agent	9	7.00	280.00
Dowicil 75	Fungicide	193	.20	8.00
Gelvatol 3000	Adhesive	162	.40	16.00
Gendriv 492S	Water retention aid	223	.50	20.00
Mica	Anticracking agent	11	8.00	320.00
Limestone	Filler	13	<u>73.90</u>	<u>2956.00</u>
			100.00	4000.00

WORKING CONSISTENCY
Specifications:

- Refer to Plant Testing Procedure No. 32
Maximum Minimum Average

57 53 55

WORKING PROPERTIES
Specifications:

- Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR

Specifications:

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every sixth or seventh batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

-/ denotes change

WNG:elz

SGP 0017643

MAY 17, 1974
May 20, 1974
Supersedes: Formula C-973
Dated 3/6/74
5/10/74

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973 (FILLER "X")

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping joint compound C-974 & C-975.

FORMULA

-/

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
T.P. Blend Talc	Slip agent	-- 2	10.00	400.00
* Asbestos 7RF09	Bulking agent	9	7.00	280.00
Dowicil 75	Fungicide	193	.20	8.00
Gelvatol 3000 6000	Adhesive	162	1.00 .40	40.00 16.00
Gendriv 492S	Water retention aid	223	.50	20.00
Mica	Anticracking agent	11	8.00	320.00
Limestone	Filler	13	73.3 73.90	2932.2956.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications:

- Refer to Plant Testing Procedure No. 32

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
57	53	55

WORKING PROPERTIES
Specifications:

- Refer to Plant Testing Procedure No. 33.
Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR

Specifications:

- White
Dried compound shall match color of standard sample.

NOTE:

A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every sixth or seventh batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

A asterisk (*) denotes change
- / denotes change

WNG:elz

SGP 0017644

May 27, 1975
Supersedes: Formula C-973
Dated: 5/20/74

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973 (FILLER "X")

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping joint compound C-974 & C-975.

FORMULA

-/

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
T.P. Blend Talc	Slip agent	2	10.00	400.00
*Asbestos 7RF09	Bulking agent	9	7.00	280.00
Dowicil 75	Fungicide	193	.20	8.00
Gelvatol 6000	Adhesive	162	1.00	40.00
Gendriv 492S	Water retention aid	223	.50	20.00
Mica	Anticracking agent	11	8.00	320.00
Limestone	Filler	13	<u>73.30</u>	<u>2932.00</u>
			100.00	4000.00

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32
Specifications: Maximum Minimum Average

57 53 55

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR - White
Specifications: Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every sixth or seventh batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

-/ *Asbestos 7RF-02 may be substituted. Use at a loading of 4.5% (180 lbs/batch).

WNG:elz

-/ denotes change

SGP 0017645

March 23, 1976
Supersedes: Formula C-973
Dated: 5/27/76

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Asbestos SG 210	Bulking Agent	18	1.75	70.00
Asbestos 7RF02	Bulking Agent	9	1.75	70.00
Dowicil 75	Preservative	193	.20	8.00
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
Limestone	Filler	13	76.05	3042.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
57	53	55

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR

Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

WNG:gvp

SGP 0017646

J. V. 12 11
March-23, 1976
Supersedes: Formula C-973
Dated: 5/27/76
3/23-6

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Asbestos SG 210	Bulking Agent	18	1.75	70.00
Asbestos 7RF02	Bulking Agent	9	1.75	70.00
Dowicil 75	Preservative	193	.20	8.00
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
Limestone	Filler	13	75.35-76.05	3042.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
57	53	55

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR
Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

WNG:gvp

SGP 0017647

July 14, 1976

Supersedes: Formula C-973

Dated: 3/23/76

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/* Sorbitol	Borax Stabilizer	-	.10	4.00
Asbestos SG 210	Bulking Agent	18	1.75	70.00
Asbestos 7RF02	Bulking Agent	9	1.75	70.00
Dowicil 75	Preservative	193	.20	8.00
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
Limestone	Filler	13	75.95	3038.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

Maximum

Minimum

Average

57

53

55

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR

Specifications

- White

Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

WNG:gvp

SGP 0017648

July-14, 1976

Supersedes: Formula C-973

Dated: 3/23/76

7/14/76

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/* Sorbitol	Borax Stabilizer	-	.10	4.00
Asbestos SG 210	Bulking Agent	18	1.75	70.00
Asbestos 7RF02	Bulking Agent	9	1.75	70.00
*★ Dowicil 75	Preservative	193	.20	8.00
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
Limestone	Filler	13	75.95	3038.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

Maximum

Minimum

Average

57

53

55

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR

Specifications

- White

Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

*★ TROYAN PMA -10- SEP MAY BE SUBSTITUTED.
USE AT A LOADING OF 8 LBS/BATCH.

WNG:gvp

SGP 0017649

JAN. 10, 1977
December 1, 1976
Supersedes: Formula C-973
Dated: 7/14/76
12/1/76

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>	
-/ Sorbitol	Borax Stabilizer	-	.075 .10	4.00	3.0
Asbestos SG 210	Bulking Agent	18	1.75	70.00	
Asbestos 7RF02	Bulking Agent	9	1.75	70.00	
-/ Dowicil 75	Preservative	193	.20	8.00	
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00	
Mica P80-F	Anti-Cracking	11	7.50	300.00	
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00	
-/ Limestone	Filler	13	75.975 75.95	3038.00	3039
			100.00	4000.00	

<u>WORKING CONSISTENCY</u>	- Refer to Plant Testing Procedure No. 32.		
<u>Specifications</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
	57	53	55

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR - White
Specifications Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

~~**Troysan PMA-10-SEP may be substituted. Use at a loading of 8 lbs/batch.~~

-/ denotes change

WNG:jg
9/2

SGP 0017650

December 1, 1976
Supersedes: Formula C-973
Dated: 7/14/76

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix Topping compound C-974.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Sorbitol	Borax Stabilizer	-	.10	4.00
Asbestos SG 210	Bulking Agent	18	1.75	70.00
Asbestos 7RF02	Bulking Agent	9	1.75	70.00
-/** Dowicil 75	Preservative	193	.20	8.00
Natrosol 250 HXR	Water Retention Aid	170	.75	30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
Limestone	Filler	13	75.95	3038.00
			100.00	4000.00

WORKING CONSISTENCY
Specifications

- Refer to Plant Testing Procedure No. 32.

<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
57	53	55

WORKING PROPERTIES
Specifications

- Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR

Specifications

- White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-974.

**Troysan PMA-10-SEP may be substituted. Use at a loading of 8 lbs/batch.

-/ denotes change

WNG:jg

SGP 0017651

MARCH 23, 1976

October 31, 1975

Supersedes: Formula C-970 C-973

Dated: 5/27/75

CHICAGO, ILLINOIS, PLANT FORMULA
READY MIX FILLER C-970 C-973

DESCRIPTION OF PRODUCT - Filler for Ready Mix ^{TOPPING} joint compound ~~C-971 & C-976~~
C-974

FORMULA

Raw Material	Function	RM Spec	Percent	Lbs/Batch
Asbestos SG210	Bulking Agent	18	1.75	70.00
* Asbestos 7RF02	Bulking Agent	9	1.75	70.00
Dowicil 75	Preservative	193	20.40	16.00 800
Hamico 267	Adhesive	29	1.00	40.00
Natrosol 250 HXR	Water Retention Aid	170	.75 .50	20.00 30.00
Mica P80-F	Anti-Cracking	11	7.50	300.00
Sericite Mica GP-F-2	Mica-Extender	-	12.00	480.00
Limestone	Filler	13	76.05 75.10	3004.00 3042.00
			100.00	4000.00

WORKING CONSISTENCY Specifications	- Refer to Plant Testing Procedure No. 32.
	Maximum Minimum Average
	57 53 55

WORKING PROPERTIES Specifications - Refer to Plant Testing Procedure No. 33. Filler shall be very heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty, or undispersed particles.

COLOR Specifications - White
Dried compound shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula No. C-971 974 at least twice a day or with every 6th or 7th batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. C-971.
974

-/ denotes change

WNG:gvp

SGP 0017652

**CHICAGO FORMULA #973
ASBESTOS CONTAINING PRODUCTS**

SGP 0017620