

NEW

July 2, 1979

Effective: August 1, 1979

AKRON, NEW YORK, PLANT FORMULA
READY MIX FILLER AK-979

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound
 AK-978 and Topping Compound AK-977.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/ Pyrophyllite SK	Bulking Agent	-	9.0	400
*Staramic 105	Adhesive	23	.900	40
Limestone	Filler	13	86.050	3824
Mica	Anti-Cracking	11	1.80	80
-/ Methocel 240	Water Retention	170	.360	16
Minugel FG	Bulking Agent	8	1.800	80
Soda Ash	Viscosity Stabilizer		.090	4
			100.000	4444

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

<u>Specifications</u>	<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, gritting 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 for Formula AK-978 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. AK-978.

* Hamico 267 can be used at an equal loading.

August 22, 1979
Supersedes AK-979
Dated: July 2, 1979

AKRON, NEW YORK, PLANT FORMULA
READY MIX FILLER AK-979

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound
AK-978 and Topping Compound AK-977.

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Pyrophyllite SK	Bulking Agent	-	9.0	400
*Staramic 105	Adhesive	23	.900	40
-/ Limestone	Filler	13	85.96	3820
Mica	Anti-Cracking	11	1.80	80
-/ Methocel 240	Water Retention	170	.450	20
Minugel FG	Bulking Agent	8	1.800	80
Soda Ash	Viscosity Stabilizer		.090	4
			100.000	4444

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

<u>Specifications</u>	<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, gritting 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 for Formula AK-978 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. AK-978.

* Hamico 267 can be used at an equal loading.

April 7, 1965
NEW FORMULA

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND - AK-979 (MACHINE MIX)

DESCRIPTION OF PRODUCT - Yellow

Ready Mixed Joint Compound used for taping,
covering tape, filling cornerbead and spotting
nails.

FORMULA

<u>Raw Material</u>	<u>Source</u>	<u>% Act. Ingr.</u>	<u>Lbs./Batch</u>
-/ Water	Akron Plant	-	350.6 (42 gal.)*
-/ Daxad 30	Dewey & Almy Chemical	0.28	2.25
Troysan P.A 30	Troy Chemical Co.	0.05	0.4
Filler AK-972	Akron Plant	88.7	700.0
-/ Elvacet 8-900	DuPont	9.9	77.8
-/ Benzoflex 50	Tennessee Products Chem.	0.98	7.8
-/ Yellow Oxide #2087	C. K. Williams Co.	<u>0.12</u>	<u>1.0</u> 1139.85**

*Approximately 43 lb./100 lbs. of active ingredients (this may vary
+ 2 gallon per batch).

-/ **One batch yields 16 + 5 gallon pails of Ready Mix Joint Compound at
69.0 lbs./pail.

TESTING CONSISTENCY

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.

Erabender - 320 + 30

Working Properties - Refer to Plant Testing Procedure No. 33.

Compound shall be plastic, buttery working, and free of any coarse,
gritty, or undispersed particles. Plaster shall be free from lumps
due to incomplete mixing.

Bonding Properties - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall show at least
75% fiber tear when delaminated.

Crack Resistance - Refer to Plant Testing Procedure No. 37.

Specifications: There shall be no large fissure cracks in the wedge,
and no cracks in the thinner half of the wedge.

COLOR - White

Specifications: Dried compound shall match color of standard sample.

June 8, 1965
Supersedes Formula No. AK-979
Dated April 7, 1965

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND - AK-979 (MACHINE MIX)

DESCRIPTION OF PRODUCT - Yellow

Ready Mixed Joint Compound used for taping,
covering tape, filling cornerbead, and spotting
nails.

<u>FORMULA</u>			
<u>Raw Material</u>	<u>Source</u>	<u>% Act. Ingr.</u>	<u>Lbs./Batch</u>
-/ Water	Akron Plant	-	372.0 (46 gal.)*
Daxad 30	Dewey & Almy Chemical	0.28	2.25
Troysan PMA 30	Troy Chemical Co.	0.05	0.4
-/ Filler AK-973	Akron Plant	88.7	700.0
Elvacet 81-900	DuPont	9.9	77.8
Benzoflex 50	Tennessee Products Chem.	0.98	7.8
Yellow Oxide #2087	C. K. Williams Co.	<u>0.12</u>	<u>1.0</u> 1161.25**

-/ *Approximately 47 lb./100 lbs. of active ingredients (this may vary
+ 2 gallon per batch).

**One batch yields 16 (+)- 5 gallon pails of Ready Mix Joint Compound
at 69.0 lbs./pail.

TESTING CONSISTENCY

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 - 320 + 30

Working Properties - Refer to Plant Testing Procedure No. 33.

Compound shall be plastic, buttery working, and free of any coarse,
gritty, or undispersed particles. Plaster shall be free from lumps
due to incomplete mixing.

Bonding Properties - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall show at least
75% fiber tear when delaminated.

Crack Resistance - Refer to Plant Testing Procedure No. 37.

Specifications: There shall be no large fissure cracks in the wedge
and no cracks in the thinner half of the wedge.

COLOR - White

SGP 0018272

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2000.00*(240 gals)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion	Adhesive	7.0	280.00
Ethylene Glycol	Wet life extender	0.5	20.00
Benzoflex	Plastizer	0.4	10.00
Filler AK-978	Filler	92.0	3680.00
		100.0	6000.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 95 $\pm$ 1 five gallon pail of Ready Mix joint compound at 62 lbs/pail.

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: 560 $\pm$ 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

December 29, 1969
NEW FORMULA

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2000.00*(240 gals)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion	Adhesive	7.0	280.00
Ethylene Glycol	Wet life extender	0.5	20.00
Benzoflex	Plastizer	0.4	10.00
Filler AK-978	Filler	92.0	3680.00
		100.0	6000.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 95 $\pm$ 1 five gallon pail of Ready Mix joint compound at 62 lbs/pail.

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

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

Brabender: 560 $\pm$ 20

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

Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

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

Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.

Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

COLOR - White

Specifications: Dried compound shall match color of standard sample.

March 31, 1970
Supersedes Formula AK-979
Dated 12/29/69

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

-/ FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2000.00*(240 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion	Adhesive	7.0	280.00
Benzoflex	Plasticizer	0.4	10.00
Filler AK-978	Filler	<u>92.5</u>	<u>3682.00</u>
		100.0	6000.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 95 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

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: 560 $\pm$ 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

EDO:dek

SGP 0018275

February 19, 1971
Supersedes Formula No. AK-979
Dated 3/31/70

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

-/ FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2000.00*(240 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.56	302.40
Filler AK-978	Filler	92.34	3693.60
		100.0	6000.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary ± 3 gallons per batch.

**One batch yields 95 ± 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

WORKING CONSISTENCY - Refer to Plant Testing Procedure No. 32.
Specifications for Paste: If paste is not proper working consistency, a maximum of 3 cc. water per 150 grams of paste may be added to adjust.
Viscosity: 560 ± 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

HEALING PROPERTIES - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

EDS:dek

SGP 0018276

February 24, 1971
Supersedes Formula AK-979
Dated 2/19/71

ANNEX, NEW MIX JOINT FORMULA

READY MIX JOINT COMPOUND AK-979 (MIXED TONERS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for capping, topping and texturing. (Supplied on special request only.)

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Perc at</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2000.00*(240 gals.)
Nalco	Anti-Foaming agent	0.	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.50	302.40
Filler AK-978	Filler	92.34	3693.60
		100.0	6000.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

-/ One batch yields 97 ± 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

WORKING CONSISTENCY

Specifications for Paste:

Viscosity: 560 ± 20

- Refer to Plant Testing Procedure No. 32.

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

WORKING PROPERTIES

Specifications:

- Refer to Plant Testing Procedure No. 33.

Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

HEALING PROPERTIES

Specifications:

- Refer to Plant Testing Procedure No. 35.

After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE

Specifications:

- Refer to Plant Testing Procedure No. 37.

There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

COLOR

Specifications:

- White

Dried compound shall match color of standard sample.

-/ Denotes change in this revision.

EDB:ldk

SGP 0018277

February 11, 1972
Supersedes Formula AK-979
Dated 2/24/72

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request, only.)

-/ FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2200.00* (262 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.4	296.00
Filler AK-978	Filler	92.5	3700.00
		100.0	6196.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

-/ **One batch yields 100 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 560 $\pm$ 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES: - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

EDO:dek

SGP 0018278

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs./Batch</u>
Water	Solvent	-	2200.00* (262 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl acetate Emulsion (Pre-plasticized)	Adhesive	7.4	296.00
Filler AK-978	Filler	<u>92.5</u>	<u>3700.00</u>
		100.0	6196.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 100 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 530 $\pm$ 20

WORKING PROPERTIES

- Specifications:
- Refer to Plant Testing Procedure No. 33.
Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES:

- Specifications:
- Refer to Plant Testing Procedure No. 35.
After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE

- Specifications:
- Refer to Plant Testing Procedure No. 37.
There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

COLOR

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

-/ Denotes change in this reissue.

EDO:elz

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

<u>FORMULA</u>			
<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2200.00* (262 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.4	296.00
Filler AK-978	Filler	92.5	3700.00
		100.0	6200.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 100 ± 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 530 ± 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES: - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

WNG:elz

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2200.00* (262 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.4	296.00
Filler AK-978	Filler	92.5	3700.00
		100.0	6200.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 100 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 580 $\pm$ 20

WORKING PROPERTIES

- Specifications.
- Refer to Plant Testing Procedure No. 33.
Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES:

- Specifications:
- Refer to Plant Testing Procedure No. 35.
After compound has dried, tape shall show at least 75% fiber tear when delaminated.

CRACK RESISTANCE

- Specifications:
- Refer to Plant Testing Procedure No. 37.
There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

COLOR

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

-/ Denotes change in this reissue.

WNG:elz

March 6, 1974
Supersedes Formula AK-979
Dated 1/15/74

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2200.00* (262 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.4	296.00
Filler AK-978	Filler	92.5	3700.00
		100.0	6200.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 100 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 580 $\pm$ 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications. Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

-/ BONDING PROPERTIES: - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 90% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

WNG:elz

SGP 0018282

March 15, 1974
Supersedes Formula AK-979
Dated 3/6/74

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

-/ FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-	2200.00* (262 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.0	280.00 (31 gals.)
Filler AK-978	Filler	92.9	3716.00
		100.0	6200.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

**One batch yields 100 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 580 $\pm$ 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications. Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES: - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 90% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

WNG:elz

SGP 0018283

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Supplied on special request only.)

<u>FORMULA</u>			
<u>Raw Material</u>	<u>Function</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/ Water	Solvent	-	2520.00* (304 gals.)
Nalco	Anti-Foaming agent	0.1	4.00
-/ Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.0	313.00 (35 gals.)
-/ Filler AK-978	Filler	<u>92.9</u>	<u>4200.00</u>
		100.0	7037.00**

*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary $\pm$ 8 gallons per batch.

-/ **One batch yields 112 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs./pail.

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: 580 $\pm$ 20

WORKING PROPERTIES - Refer to Plant Testing Procedure No. 33.
Specifications: Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Material shall be free from lumps due to incomplete mixing.

BONDING PROPERTIES: - Refer to Plant Testing Procedure No. 35.
Specifications: After compound has dried, tape shall show at least 90% fiber tear when delaminated.

CRACK RESISTANCE - Refer to Plant Testing Procedure No. 37.
Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

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

-/ Denotes change in this reissue.

WNG:elz

April 7, 1965
NEW FORMULA

BRUNSWICK, GA. PLANT FORMULA

READY MIX JOINT COMPOUND EGA-979 (MACHINE MIX)

DESCRIPTION OF PRODUCT - White

Ready Mixed Joint Compound used for taping, covering tape, filling cornerbead and spotting nails.

FORMULA

<u>Raw Material</u>	<u>Source</u>	<u>Act. Ingr.</u>	<u>Lbs./Batch</u>
-/ Water	Plant	-	350.6 (42 gals.)*
-/ Daxad 30	Dewey & Almy Chemical	0.28	2.25
Troysan PMA 30	Troy Chemical Company	0.05	0.4
-/ Filler AK-972	Akron Plant	88.8	700.0
-/ Elvacet 81-900	DuPont	9.9	77.8
-/ Benzoflex 50	Tennessee Products Chem.	0.98	7.8
-/		<u>100.00</u>	<u>1138.85</u>

*Approximately 43 lb./100 lbs. of active ingredients (this may vary + 2 gallon per batch).

-/ **One batch yields 16 + 5 gallon pails of Ready Mix Joint Compound at 69.0 lbs./ pail.

TESTING PROCEDURE

Working Consistency - Refer to Plant Testing Procedure No. 32.

Specification 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 - 320 $\pm$ 30

Working Properties - Refer to Plant Testing Procedure No. 33.

Compound shall be plastic, buttery working, and free of any coarse, gritty, or undispersed particles. Plaster shall be free from lumps due to incomplete mixing.

Bonding Properties - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall show at least 75% fiber tear when delaminated.

Crack Resistance - Refer to Plant Testing Procedure No. 37.

Specifications: There shall be no large fissure cracks in the wedge, and no cracks in the thinner half of the wedge.

COLOR - White

Specifications: Dried compound shall match color of standard sample.

June 9, 1965
Supersedes Formula No. EGA-979
Dated April 7, 1965

BRUNSWICK, GA. PLANT FORMULA

READY MIX JOINT COMPOUND EGA-979 (MACHINE MIX)

DESCRIPTION OF PRODUCT - White

Ready Mixed Joint Compound used for taping,
covering tape, filling cornerbead and spotting
nails.

<u>FORMULA</u> <u>Raw Material</u>	<u>Source</u>	<u>% Act. Ingr.</u>	<u>Lbs./Batch</u>
-/ Water	Plant	-	372.0 (46 gals.)
Daxad 40	Dewey & Almy Chemical	0.28	2.25
Troysan PMA 30	Troy Chemical Company	0.05	0.4
Filler AK-973	Akron Plant	38.8	700.0
Elvacet 81-900	DuPont	9.9	77.8
Benzoflex 50	Tennessee Products Chem.	0.98	7.8
		<u>100.00</u>	<u>1161.25</u>

-/ *Approximately 47 lb./100 lbs. of active ingredients (this may vary
+ 2 gallon per batch).

-/ **One batch yields 16 (+) -5 gallon pails of Ready Mix Joint Compound at
68.9 lbs./pail.

TESTING CONSISTENCY

Working Consistency - Refer to Plant Testing Procedure No. 32.

Specification 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 - 320 $\pm$ 30

Working Properties - Refer to Plant Testing Procedure No. 33.

Compound shall be plastic, buttery working, and free of any coarse,
gritty, or undispersed particles. Plaster shall be free from lumps
due to incomplete mixing.

Bonding Properties - Refer to Plant Testing Procedure No. 35.

Specifications: After compound has dried, tape shall show at least
75% fiber tear when delaminated.

Crack Resistance - Refer to Plant Testing Procedure No. 37.

Specifications: There shall be no large fissure cracks in the wedge,
and no cracks in the thinner half of the wedge.

COLOR - White

Specifications: Dried compound shall match color of standard sample.

SGP 0018286

**AKRON FORMULA #970
ASBESTOS CONTAINING PRODUCTS**

SGP 0018268