March 17, 1966
NEW FORMULA
Paoli Laboratory

PLAINTIFF'S EXHIBIT
GP-1236

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-976 (MACHINE TOOLS) (READY MIX "Z")

DESCRIPTION OF PRODUCT - White
Ready Mixed Joint Compound used for taping, covering tape, filling cornerbead and spotting nails.

FORMULA

Raw Material	Source	% Act. Ingr.	Lbs./Batch
Water	Akron Plant	-	433.0 (52 gal.)*
Nalco 71-D5	Nalco Chemical Co.	0.10	0.8
Filler AK-971	Akron Plant	91.40	700.0
Elvacet 81-900	DuPont	8.00	61.5
Benzoflex 50	Tennessee Products Chem.	0.50	4.0
		100.00	1199.3**

*Approximately 56.5 lb./100 lbs. of active ingredients (this may vary $\pm$ 2 gallons per batch).

**One batch yields 18 ($\pm$) - 5 gallon pails of Ready Mix Joint Compound at 65.6 lbs./pail.

TESTING PROCEDURE

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

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

Brabender - 330 $\pm$ 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.

September 16, 1968
Supersedes Formula No. 976
Dated March 17, 1966

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-976(MACHINE TOOLS) (READY MIX "X")

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, covering tape, filling cornerbead and spotting nails.

-/ FORMULA

Raw Material	Function	R.M. Spec.	Percent	Lbs./Batch
Water	Solvent	-	-	2165.0 (260 gal.)
Filler C-971	Body	-	91.44	3500.0
Poly Vinyl Acetate Emulsion	Adhesive	185	8.04	306.0
Benzoflex 50	Plasticizer	183	0.52	20.0
			100.00	5991.0 **

*Approximately 56.5 lbs./100 lbs. of active ingredients (this may vary ± 8 gallons per batch).

**One batch yields 90 (±) - 5 gallon pails of Ready Mix Joint Compound at 65.6 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 - 385 ± 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 should be free of 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.

RRB:kgc

SGP 0017923

May 27, 1970
Supersedes Formula No. 976
Dated 9/16/68

AKRON, NEW YORK PLANT FORMULA

READY MIX JOINT COMPOUND AK-976 (MACHINE TOOLS) (READY MIX "X")

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, covering tape, filling cornerbead and spotting nails.

-/ FORMULA

Raw Material	Function	R.M.Spec.	Percent	Lbs/Batch
Water	Solvent	-	-	2165.0 (260 gal.)*
Filler C-971	Body	-	92.00	3500.0
Poly Vinyl Acetate Emulsion	Adhesive	185	7.5	285.0
Benzoflex 50	Plasticizer	183	.50	19.0
			100.00	5969.0**

* Approximately 56.5 lbs/100 lbs. of active ingredients (this may vary ± 8 gallons per batch).

** One batch yields 90 (±) - 5 gallon pails of Ready Mix Joint Compound at 65.6 lbs/pail.

WORKING CONSISTENCY: - Refer to Plant Testing Procedure No. 32.
Specifications for Paste: If paste is not proper working consistency, a maximum of 5cc water per 150 grams of paste may be added to adjust.

Brabender - 385 ± 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 should be free of 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

April 3, 1974
Formula AK-976
New

AKRON, NEW YORK, PLANT FORMULA
READY MIX JOINT COMPOUND AK-976 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping, and texturing.

FORMULA

Raw Material	Function	Percent	Lbs/Batch
Water	Solvent	--	2200.00(265 gals.)*
Nalco	Anti-foaming agent	0.1	4.00
Elvace 1875	Adhesive	5.0	200.00(22.2 gals.)
Filler AK-978	Filler	94.9	3796.00
		100.00	6300.00**

*Approximately 56.5 lbs/100 lbs. of active ingredients (this may vary ± 8 gallons per batch.

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

WORKING CONSISTENCY Specifications for Paste - 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.

Brabender: (580 ± 20) For machine tools add 13 gallons H_2O. (400 ± 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 90% 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.

WNG:jg

August 13, 1974
Supersedes Formula AK-976
Dated 4/3/74

AKRON, NEW YORK, PLANT FORMULA
READY MIX JOINT COMPOUND AK-976 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping, and texturing.

FORMULA

Raw Material	Function	Percent	Lbs/Batch
-/ Water	Solvent	--	2600.00(313 gals.)*
Nalco	Anti-foaming agent	0.1	4.00
-/ Elvace 1875	Adhesive	5.0	221.00(24.5 gals.)
-/ Filler AK-978	Filler	94.9	4200.00
		100.00	7025.00**

*Approximately 56.5 lbs/100 lbs. of active ingredients (this may vary ± 8 gallons per batch.

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

WORKING CONSISTENCY Specifications for Paste - 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.

Brabender: (580 ± 20) For machine tools add 13 gallons H_2O. (400 ± 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 90% 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.

WNG:jg

-/ Denotes change

December 22, 1975
Supersedes Formula AK-976
Dated 11/20/74

AKRON, NEW YORK, PLANT FORMULA
READY MIX JOINT COMPOUND AK-976 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping, and texturing.

FORMULA

Raw Material	Function	Percent	Lbs/Batch
Tamol 731	Dispersant	0.1	4.00
Water	Solvent	--	2600.00(313 gals.)*
Nalco	Anti-foaming agent	0.1	4.00
Elvace 1875	Adhesive	5.0	221.00(24.5 gals.)
Filler AK-978	Filler	94.8	4200.00
		100.00	7029.00**

*Approximately 56.5 lbs/100 lbs. of active ingredients (this may vary ± 8 gallons per batch.

**One batch yields 112 ± 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

WORKING CONSISTENCY Specifications for Paste - 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.

-/ Brabender: (580 ± 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 90% 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.

WNG:jg

-/ Denotes change

June 10, 1976
Supersedes Formula AK-976
Dated 12/22/75

AKRON, NEW YORK, PLANT FORMULA
READY MIX JOINT COMPOUND AK-976 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping, and texturing.

-/ FORMULA

Raw Material	Function	Percent	Lbs/Batch
Water	Solvent	--	2158.0 (260 gals.)*
Nalco	Anti-foaming agent	0.1	4.0
Elvace 1875	Adhesive	5.5	245.0 (27.5 gals.)
Filler AK-978	Filler	94.4	4200.0
		100.0	6607.0**

*Approximately 56.5 lbs/100 lbs. of active ingredients (this may vary ± 8 gallons per batch.

-/ **One batch yields 106 ± 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

WORKING CONSISTENCY Specifications for Paste - 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.

Brabender: (580 ± 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 90% 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

WNG:jg -/ denotes change

January 13, 1977
Supersedes Formula AK-976
Dated: 6/10/76

AKRON, NEW YORK, PLANT FORMULA
READY MIX JOINT COMPOUND AK-976 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping, and texturing.

FORMULA

Raw Material	Function	Percent	Lbs/Batch
-/Water	Solvent	--	1992.0 (240 gals.)*
Nalco	Anti-foaming agent	0.1	4.0
Elvace EP-200	Adhesive	5.5	245.0 (27.5 gals.)
Filler AK-978	Filler	94.4	4200.0
		100.0	6441.0**

*Approximately 56.5 lbs/100 lbs. of active ingredients (this may vary ± 8 gallons per batch.

-/ **One batch yields 104 ± 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

WORKING CONSISTENCY Specifications for Paste - 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.

Brabender: (580 ± 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 90% 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

WNG: gvp -/ denotes change

AKRON FORMULA #976
ASBESTOS CONTAINING PRODUCTS

SGP 0017921