

MAY 20

April 27, 1976

Formula M-975 C 979

NEW

MARIETTA, GEORGIA, PLANT FORMULA
READY MIX JOINT COMPOUND M-975 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Joint Compound used for taping, topping and texturing. (Special asbestos free formula for selective shipment only.) ALL ONE GALLON READY MIX JOINT COMPOUND ONLY.

<u>FORMULA</u>	<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
	Filler M-976 C-978	Filler	--	92.8	1950.0
	Elvace 1975	Adhesive	185	6.5	136.0 (15.25 gals.)
	Nalco 71D-5	Defoamer	125	.2	4.0
	Acrysol ASE-60	Thickener	147	.5	10.0
	*Water	Solvent	--	--	1120.0 (135 gals.)
				100.0	3220.0**

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

**One batch yields 51 $\pm$ 1 five gallon pail Ready Mix joint compound at 62 lbs/pail.

SPECIAL MIXING INSTRUCTIONS

- Blend ingredients in following order:
 - 1) Water
 - 2) Elvace 1875
 - 3) Nalco
 - 4) Filler M-976 C-978
 - 5) Mix until filler is dispersed
 - 6) Add Acrysol ASE-60
 - 7) Mix until Ready Mix is smooth - pumping viscosity should be 480 $\pm$ 20 to allow for 24 hour viscosity build of 100 pts.

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 $\pm$ 20) For Machine tools add 7 gallons H₂O (400 $\pm$ 20)

pH Minimum - 9.0 Maximum - 10.0 (24 hrs.)

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.

WNG:jg

Continued on Page 2...

PLAINTIFF'S EXHIBIT

GP-470

SGP 0018324

MAY 20

~~April 27, 1976~~

Formula ~~M-975~~ C-979

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NEW

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.
Rating shall be 4 or better.

COLOR
Specifications

- White
Dried compound shall match color of
standard sample.

WNG:jg

SGP 0018325

MARIETTA FORMULA # 979
ASBESTOS CONTAINING PRODUCTS

SGP 0018326

MARIETTA, GEORGIA, PLANT FORMULA

READY MIX JOINT COMPOUND M-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	-	1100.00* (131 gals.)
Nalco	Anti-Foaming agent	0.1	2.00
Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.4	143.00
Filler AK-978	Filler	92.5	1850.00
		100.0	3095.00**

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

**One batch yields 48 $\pm$ 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

- 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.

EDO:elz

-/ indicates change

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

MARIETTA, GEORGIA, PLANT FORMULA
READY MIX JOINT COMPOUND M-979 (HAND TOOLS)

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

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Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.4	143.00
Filler AK-978	Filler	<u>92.5</u>	<u>1850.00</u>
		100.00	3095.00**

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

**One batch yields 48 $\pm$ 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 gms 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 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:elz

SGP 0018328

March 15, 1974

Supersedes M-979

Dated 3/6/74

MARIETTA, GEORGIA, PLANT FORMULA
READY MIX JOINT COMPOUND M-979 (HAND TOOLS)

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Polyvinyl Acetate Emulsion (Pre-plasticized)	Adhesive	7.0	140.00
Filler M-978	Filler	92.9	1853.00
		100.00	3095.00**

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

**One batch yields 48 $\pm$ 1 five-gallon pail Ready Mix joint compound at 62 lbs/pail.

WORKING CONSISTENCY
Specifications for
Paste:

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Brabender:

- 580 $\pm$ 20

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Specifications

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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:elz

SGP 0018329

MARIETTA, GEORGIA, PLANT FORMULA

READY MIX JOINT COMPOUND M-979 (HAND TOOLS)

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FORMULA

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Filler AK-978	Filler	92.5	1850.00
		100.0	3095.00**

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

**One batch yields 48 ± 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.

EDO:elz

-/ indicates change

SGP 0018330

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

MARIETTA, GEORGIA, PLANT FORMULA
READY MIX JOINT COMPOUND M-979 (HAND TOOLS)

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**One batch yields 48 $\pm$ 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 gms 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.

WNG:elz

SGP 0018331

March 15, 1974

Supersedes M-979

Dated 3/6/74

MARIETTA, GEORGIA, PLANT FORMULA
READY MIX JOINT COMPOUND M-979 (HAND TOOLS)

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

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COLOR
Specifications

- White
Dried compound shall match color of standard sample.

WNG:elz

SGP 0018332

**MARIETTA FORMULA #979
ASBESTOS CONTAINING PRODUCTS**