

March 6, 1974
Supersedes Formula V-979
Dated 2/22/74

PLAINTIFF'S EXHIBIT

GP-455

MILFORD, VIRGINIA, PLANT
READY MIX JOINT COMPOUND V-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White ready mix joint compound used for
taping, topping, and texturing

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
**Water	Solvent	-		1100(131gals)
PVA Emulsion	Adhesive	185	7.00	140.0
NALCO	Antifoaming Agent	125	.10	2.0
Asbestos 7RF09	Bulking Agent	9	3.92	78.0
Troysan Gmp-10-Sep	Bactericide	193	.10	2.0
PV Alcohol	Adhesive	162	.75	15.0
Natrosol 250 HXR	Thickner	170	.70	14.0
Mica	Anticracking Agent	11	8.79	175.0
Asbestos SG-210	Bulking Agent	18	1.25	25.0
Limestone	Filler	13	77.19	1537.0
Calgon T	Dispersant	229	.20	4.0
			100.00	3092.0***

** Approximately 54.4 lbs/100 lbs of active ingredients (this may vary $\pm$ 4 gallons per batch.

*** One batch yields 50 $\pm$ 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 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 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.

-/ Denotes change in this re-issue.

SGP 0018334

February 22, 1974
Supersedes Formula V-979
Dated 1/15/74

MILFORD, VIRGINIA, PLANT
READY MIX JOINT COMPOUND V-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White ready mix joint compound used for
taping, topping, and texturing

-/ FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
**Water	Solvent	-		1100(131gals
PVA Emulsion	Adhesive	185	7.00	140.0
NALCO	Antifoaming Agent	125	.10	2.0
Asbestos 7RF09	Bulking Agent	9	3.92	78.0
Troysan Cmp-10-Sep	Bactericide	193	.10	2.0
PV Alcohol	Adhesive	162	.75	15.0
Natrosol 250 HXL	Thickner	170	.70	14.0
Mica	Anticracking Agent	11	8.79	175.0
Asbestos SG-210	Bulking Agent	18	1.25	25.0
Limestone	Filler	13	77.19	1537.0
Calgon T	Dispersant	229	.20	4.0
			100.00	3092.0***

** Approximately 54.4 lbs/100 lbs of active ingredients (this may vary $\pm$ 4 gallons per batch.

*** One batch yields 50 $\pm$ 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 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 re-issue.

January 15, 1974
Supersedes Formula V-979
Dated 10/18/73

MILFORD, VIRGINIA, PLANT
READY MIX JOINT COMPOUND V-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White ready mix joint compound used for
taping, topping, and texturing

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/ **Water	Solvent	-		1100(131gals
PVA Emulsion	Adhesive	185	7.40	148.0
NALCO	Antifoaming Agent	125	.10	2.0
Asbestos 7RF09	Bulking Agent	9	3.92	78.0
Troysan Cmp-10-Sep	Bactericide	193	.10	2.00
PV Alcohol	Adhesive	162	.74	15.0
Natroscl 250 HXR	Thickner	170	.69	14.0
Mica	Anticracking Agent	11	6.46	129.0
Asbestos SG-210	Bulking Agent	18	1.62	32.0
Limestone	Filler	13	78.74	1576.0
Calgon T	Dispersant	229	.23	4.0
			100.00	3100.0***

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

***One batch yields 50 $\pm$ 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 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 re-issue.

WNG:ig

October 18, 1973
Supersedes Formula V-979
Dated 10/17/73

MILFORD, VIRGINIA, PLANT
READY MIX JOINT COMPOUND V-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White ready mix joint compound used for
taping, topping, and texturing

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
-/ **Water	Solvent	-		1100(131gals)
PVA Emulsion	Adhesive	185	7.40	148.0
NALCO	Antifoaming Agent	125	.10	2.0
Asbestos 7RF09	Bulking Agent	9	3.92	78.0
Troysan Cmp-10-Sep	Bactericide	193	.10	2.00
PV Alcohol	Adhesive	162	.74	15.0
*Thickner	Thickner	170or223	.69	14.0
Mica	Anticracking Agent	11	6.46	129.0
Asbestos SG-210	bulking Agent	18	1.62	32.0
Limestone	Filler	13	78.97	1580.0
			100.00	3100.0 ***

*Natrosol 250 HXR or Genfriv 4925

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

***One batch yields 50 $\pm$ 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 grams of paste
may be added to adjust.

Brabender:

540 $\pm$ 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 re-issue.

WNG:jg

October 17, 1973
Supersedes Formula V-979
Dated 7/12/73

MILFORD, VIRGINIA, PLANT
READY MIX JOINT COMPOUND V-979 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White ready mix joint compound used for
taping, topping, and texturing

FORMULA

<u>Raw Material</u>	<u>Function</u>	<u>RM Spec</u>	<u>Percent</u>	<u>Lbs/Batch</u>
Water	Solvent	-		1100(131gal
PVA Emulsion	Adhesive	185	7.40	143.0
NALCO	Antifoaming Agent	125	.10	2.0
Asbestos 7RFO9	Bulking Agent	9	3.92	78.0
-/ Troysan Cmp-10-Sep	Bactericide	193	.10	2.00
PV Alcohol	Adhesive	162	.74	15.0
*Thickner	Thickner	170or223	.69	14.0
Nica	Anticracking Agent	11	6.46	129.0
Asbestos SG-210	Bulking Agent	18	1.62	33.0
-/ Limestone	Filler	13	78.27	1575.0
			100.00	3100.0

*Natrosol 250 HXR or Genfriv 4925

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

**One batch yields 50 + 1 five gallon pail Ready Mix joint compound at
62 lbs/pail.

WORKING CONSISTENCY
Specifications for
Paste:

Brabender:

- Refer to Plant Testing Procedure No. 32.
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may be added to adjust.

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WORKING PROPERTIES
Specifications

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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. 34.
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 re-issue.

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**MILFORD FORMULA #979
ASBESTOS CONTAINING PRODUCTS**

SGP 0018333