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

Raw Material	Function	RM Spec	Percent	Lbs/Batch
**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 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 ± 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: - 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.

-/ 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

Raw Material	Function	RM Spec	Percent	Lbs/Batch
**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 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 ± 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: - 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 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

	Raw Material	Function	RM Spec	Percent	Lbs/Batch
-/	**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
	Natrosol 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 ± 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: - 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 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

Raw Material	Function	RM Spec	Percent	Lbs/Batch
-/ **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 ± 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: - 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 ± 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

	Raw Material	Function	RM Spec	Percent	Lbs/Batch
	Water	Solvent	-		1100(131gal
	PVA Emulsion	Adhesive	185	7.40	148.0
	NALCO	Antifoaming Agent	125	.10	2.0
	Asbestos 7RF09	Bulking Agent	9	3.92	78.4
-/	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	129.4
	Asbestos SG-210	Bulking Agent	18	1.62	32.4
-/	Limestone	Filler	13	78.27	1564.2
				100.00	3000.0

*Natrosol 250 HXR or Genfriv 4925
*Approximately 54.4 lbs/100 lbs. of active ingredients (this may vary ± 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: - 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 ± 20

WORKING PROPERTIES Specifications - Refer to Plant Testing Procedure No. 47. 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 should 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.

WNG:jg

MILFORD FORMULA #979
ASBESTOS CONTAINING PRODUCTS

SGP 0018333