PLAINTIFF'S EXHIBIT

GP-1263

November 30, 1977
Formula V-970
NEW

MILFORD, VIRGINIA PLANT FORMULA
READY MIX TOPPING COMPOUND V-970 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix-Topping Joint Compound used for finishing joint and spotting nail heads.

FORMULA

Raw Material	Function	RM Spec	Percent	Lbs/Batch	
Limestone	Filler	13	78.595	1599.7	
Mica	Anti-cracking	11	7.39	150.0	
Natrosol 250 HXR	Water Retention	163	.625	12.7	
Troysan PMA 10-SEP	Preservative	-	.20	4.0	
Minugel FG	Bulking Agent	8	1.72	35.0	
Magnesium Oxide (heavy)	pH Stabilizer	-	.12	2.5	
Prophylitte SK	Bulking Agent	-	4.93	100.0	
Sorbitol (Powdered)	Borax Stabilizer	-	.12	2.5	
Elvace EP-200	Adhesive	185	6.0	122.1	(13.72 gals
Nalco 71D-5	Defoamer	147	.10	2.0	
Acrysol ASE-60	Thickener	-	.20	4.0	
Water	Solvent	-	-	996.0	(120 gals.)
			100.00	3030.5**	

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

**One batch yields 49 five gallon pails Ready Mix joint compound at 62 lbs/pail.

SPECIAL MIXING INSTRUCTIONS - Blend ingredients in following order:
1) Water
2) Elvace EP-200
3) Nalco
4) Filler
5) Mix until filler is dispersed
6) Add Acrysol ASE-60
7) Mix until Ready Mix is smooth - pumping viscosity should be 380 ± 20 to allow for 24 hour viscosity build of 200 pts.

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 ± 20) For machine tools add 7 gallons H_2O (400 ± 20)

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

HCF:jr

Continued on Page 2 . . .

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. Rating shall be 4 or better.
COLOR Specifications	- White Dried compound shall match color of standard sample.

HCF:jr

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Troysan PMA 10-SEP	Preservative	-	.20	4.0	
Minugel FG	Bulking Agent	8	1.72	35.0	
Magnesium Oxide (heavy)	pH Stabilizer	-	.12	2.5	
Prophylitte SK	Bulking Agent	-	4.93	100.0	
Sorbitol (Powdered)	Borax Stabilizer	-	.12	2.5	
Elvace EP-200	Adhesive	185	6.0	122.1	(13.72 gals.
Nalco 71D-5	Defoamer	147	.10	2.0	
Acrysol ASE-60	Thickener	-	.20	4.0	
Water	Solvent	-	-	996.0	(120 gals.)
			100.00	3030.5**	

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

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3) Nalco
4) Filler
5) Mix until filler is dispersed
6) Add Acrysol ASE-60
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pH Minimum - 9.0 Maximum - 10.0 (24 hrs.)

HCF:jr

Continued on Page 2 . . .

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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.

HCF:jr

March 30, 1978
Supersedes Formula V-970
Dated: 11/30/77

MILFORD, VIRGINIA PLANT FORMULA
READY MIX TOPPING COMPOUND V-970 (HAND TOOLS)

DESCRIPTION OF PRODUCT - White Ready Mix Topping Joint Compound used for finishing joint and spotting nail heads.

FORMULA

Raw Material	Function	RM Spec	Percent	Lbs/Batch
-/Limestone	Filler	13	78.80	1602.81
-/Mica	Anti-cracking	11	7.37	150.0
Natrosol 250 HXR	Water Retention	163	.62	12.7
-/Proxcel CRL	Preservative	-	.04	.89
Minugel FG	Bulking Agent	8	1.72	35.0
Magnesium Oxide (heavy)	pH Stabilizer	-	.12	2.5
-/Prophylitte SK	Bulking Agent	-	4.91	100.0
Sorbitol (Powdered)	Borax Stabilizer	-	.12	2.5
Elvace EP-200	Adhesive	185	6.0	122.1 (13.72 gals.)
Nalco 71D-5	Defoamer	147	.10	2.0
Acrysol ASE-60	Thickener	-	.20	4.0
Water	Solvent	-	-	996.0 (120 gals.)
			100.00	3030.5**

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

**One batch yields 49 five gallon pails Ready Mix joint compound at 62 lbs/pail.

SPECIAL MIXING INSTRUCTIONS - Blend ingredients in following order:
1) Water
2) Elvace EP-200
3) Nalco
4) Filler
5) Mix until filler is dispersed
6) Add Acrysol ASE-60
7) Mix until Ready Mix is smooth - pumping viscosity should be 380 ± 20 to allow for 24 hour viscosity build of 200 pts.

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 ± 20) For machine tools add 7 gallons H_2O (400 ± 20)

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

HCF:jr

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October 29, 1981

NEW FORMULA V-970

MILFORD, VIRGINIA, PLANT FORMULA
READY MIX FILLER V-970

DESCRIPTION OF PRODUCT - Filler for Ready Mix Joint Compound V-971 and Topping Compound V-975.

FORMULA

Raw Material	Function	RM Spec	Percent	Lbs/Batch
Pyrophyllite-SK	Bulking Agent	1	7.627	650.0
Aqua-Fil K-8	Bulking Agent	229	3.520	300.0
Methocel	Water Retention	163	.352	30.0
Sta-Gel Starch	Adhesive/Thickener	10	.939	80.0
Limestone	Filler	13	87.562	7462.0
			100.000	8522.0

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

Maximum	Minimum	Average
62	58	60

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

Specifications: Filler shall be heavily bodied and possess fair plasticity. It shall be free of any coarse, gritty or undispersed particles.

COLOR - White

Specifications: Dried sample shall match color of standard sample.

NOTE: A wet mix of the filler shall be prepared according to Formula V-971 at least twice a day or with every sixth or seventh batch of filler manufactured. This prepared mix shall be tested and shall meet all the specifications required of Ready Mix Joint Compound - Formula No. V-971.

BGR:ps

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 (540 ± 20)	- For machine tools add 4 gallons H_2O (450 ± 20).
pH	7.0 - 8.5
WORKING PROPERTIES	- 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	- Refer to Plant Testing Procedure No. 35. After compound has dreid, tape shall show at least 90% fiber tear when delaminated.
CRACK RESISTANCE	- Refer to Plant Testing Procedure no. 37. Rating shall be 4 or better.
COLOR	- White
Specification	Dried compound shall match color of standard sample.

BGR:ps

MILFORD FORMULA #970
ASBESTOS CONTAINING PRODUCTS

SGP 0017378

MILFORD FORMULA # 970
ASBESTOS CONTAINING PRODUCTS