

PLAINTIFF'S EXHIBIT

GP-476

January 18, 1979

Supersedes Formula V-974

Dated: 12/15/78

MILFORD, VIRGINIA PLANT FORMULA
READY MIX JOINT COMPOUND V-974 (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>
Pyrophyllite-SK	Bulking Agent	-	4.901	100.0
Limestone	Filler	13	79.029	1612.5
Mica	Anti-cracking	11	.450	50.0
Methocel 8898-2	Water Retention	163	.343	7.0
Proxel	Preservative	-	.044	.9
Minugel FG	Bulking Agent	8	.715	35.0
Soda Ash	pH Stabilizer	-	.074	1.5
Aqua-Fil K-8	Bulking Agent	-	4.901	100.0
Staramic 105***	Adhesive	23	.417	8.5
DuPont JCM	Adhesive	185	5.930	121.0 (13.6 gal)
-/ Nalco 71D-5	Defoamer	147		****
Acrysol ASE-60	Thickener	-	.196	4.0
Water*	Solvent	-	---	1000.0 (120 gals)
			100.000	3040.4**

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

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

***Hamaco 267-may be substituted at an equal loading.

****As needed to reduce foaming.

SPECIAL MIXING

- Blend ingredients in following order:

INSTRUCTIONS

- 1) Water/Proxel
- 2) JCM
- 3) Filler
- 4) Mix until filler is dispersed
- 5) Add Acrysol ASE-60
- 6) Mix until Ready Mix is smooth - pumping viscosity should be 620 ± 20

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 7 gallons H₂O (400 ± 20)

pH

Minimum - 9.0

Maximum - 9.5 (24 hrs.)

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June 18, 1979
Supersedes Formula V-974
Dated: 6/08/79

MILFORD, VIRGINIA PLANT FORMULA
READY MIX JOINT COMPOUND V-974 (HAND TOOLS)

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

<u>FORMULA</u> <u>RAW MATERIAL</u>		<u>FUNCTION</u>	<u>RM SPEC</u>	<u>PERCENT</u>	<u>LBS/BATCH</u>
Pyrophyllite-SK		Bulking Agent	-	4.901	100.00
-/ Limestone		Filler	13	78.980	1611.50
Mica		Anti-cracking	11	2.450	50.00
Methocel 8898-2		Water RETention	163	.343	7.00
-/ PMA-30		Preservative	-	.045	.91
Minugel FG		Bulking Agent	8	1.715	35.00
Soda Ash		pH Stabilizer	-	.074	1.50
Aqua-Fil K-8		Bulking Agent	-	4.901	100.00
Staramic 105***		Adhesive	23	.417	8.50
DuPont JCM		Adhesive	185	5.930	121.00 (13.6 gal)
Nalco 71D-5		Defoamer	147		****
-/ Paragum 146 ****		Thickener	-	.245	5.00
Water*		Solvent	-	-	1000.00 (120 gal)
				100.000	3040.41**

*Approximately 56.6 lbs/100 lbs of active ingredients (this may vary $\pm$ 8 gallons per batch).

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

***Hamaco 267 may be substituted at an equal loading.

**** Acrysol ASE-60 may be substituted at a loading of 4 lbs/batch (.198%).

- / SPECIAL MIXING INSTRUCTIONS
- Blend ingredients in following order:
 - 1) Water/PMA-30
 - 2) JCM
 - 3) Filler
 - 4) Mix until filler is dispersed
 - 5) Add Paragum-146
 - 6) Mix until Ready Mix is smooth - pumping
viscosity should be 580 ± 20

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 7 gallons H_2O (470 ± 20)

pH Minimum - 9.0 Maximum - 9.5 (24 hrs.)

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MILFORD FORMULA # 974
ASBESTOS CONTAINING PRODUCTS

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