

SUPREME COURT OF THE STATE OF NEW YORK
FIFTH JUDICIAL DISTRICT

This Document Applies to:

SUPREME COURT
STATE OF NEW YORK: COUNTY OF ONONDAGA

GINA M. CASSELLA, Executor of the Estate of
JOSEPH F. CASSELLA, Deceased and
Individually as the Surviving Spouse of
JOSEPH F. CASSELLA,

Plaintiff,

vs.

A.W. CHESTERTON COMPANY, et al.,

Defendants.

FIFTH JUDICIAL DISTRICT
ASBESTOS LITIGATION

Index No. 2009-4404

DEFENDANT KAISER
GYPSUM'S SUPPLEMENTAL
EXHIBIT LIST

1. Kaiser Gypsum News Release of November 19, 1964 ,re: Kaiser Gypsum's officially planting its "roots" in New Jersey.
2. Kaiser Gypsum News Release of March 19, 1968.
3. Kaiser Gypsum Inter-Office Memorandum of May 2, 1968, from: R. H. James to: H. L. Weightman, Subject: Accessories Charged to Research – Delanco (Bates Stamped LIP 071510-005).
4. Kaiser Gypsum Inter-Office Memorandum of September 26, 1968; from: S. J. Smith, to: J. H. Watson, Subject: Wallboard Accessories (Bates Stamped LIP 071510-006).
5. Kaiser Gypsum Inter-Office Memorandum of January 13, 1969, from: G. A. Benedict, to: G. B. Kirk, Subject: Field Quality Report No. 1 – Period covered January 6 to January 10, 1969 (LIP 071510-007-018).



6. Kaiser Gypsum Inter-Office Memorandum of May 17, 1973 from: R. A. Madsen, to: C. E. Caprye, G. W. James, J. D. Cassidy, J. F. Modaff, M. Slavich, J. W. Flannigan, P.D. Orleman, S. R. Witt, D. L. Hardy & R. P. Russell; Subject: Asbestos Caution Labels (LIP 071510 019).
7. Memorandum from R. A. Madsen of May 17, 1973, re: Waiting on plant managers advise for requirements for labels (Bates Stamped LP 071510 020).
8. Kaiser Gypsum Inter-Office Memorandum of June 27, 1973 from: G. B. Kirk to: J. W. Blewett, E. H. Schaper, R. C. Crowle, J. S. Sheahan, H. C. Dupuis, T. V. Smith, P. J. Franklin, J. E. Toomey, R. A. Madsen, J. H. Walton, W. J. Marshall, H. L. Weightman; Subject: Asbestos (Bates Stamped LIP 071510 021-024).
9. Affidavit of Richard A. Madsen, signed: May 20, 1999 (Bates Stamped LIP 071510 025-027).
10. Chart of costs, type of compounds, product on hand for each facility, request to sell, approx. delivery cost, usage per month and remaining months on hand for Dual P. Covertex, K-Spray, Topping for plants in Seattle, Delanco, Jacksonville, Antioch and Santa Ana (Bates Stamped LIP 071510 028).
11. Kaiser Cement and Gypsum Corporation News Release of October 13, 1975, re: Kaiser Cement & Gypsum Corp.'s decided because of depressed conditions in residential & commercial construction markets, it has suspended gypsum wallboard production at Delanco, N.J. plant and is considering the shutdown or sale of its gypsum plant in Jacksonville, FL (Bates Stamped LIP 071510 029).
12. Kaiser Cement and Gypsum Corporation News Release of March 20, 1978, re: Kaiser Cement & Gypsum Corp. announces agreement for sale of virtually all of its active

gypsum business assets for cash of \$34.5 million, including inventories of about \$4 million. Domtar, Inc. of Montreal has agreed to purchase Kaiser's principal gypsum assets. (Bates Stamped LIP 071510 001-004).

13. Deposition of George B. Kirk taken in San Francisco County Superior Court No. 502822, Volumes I and II dated August 24-25, 2004.

14. Deposition of George B. Kirk taken in *Rendle v. American Optical Corporation*, Broward County Circuit Court No. 04-05633(27) dated July 13, 2006.

15. Product Bulletin, Drywall Accessory Products, No. J-6808 dated June 19, 1975 (Bates Stamped LIP 071510 030-033).

16. Product Bulletin, Drywall Accessory Products, One Day Joint Compound (Non-Asbestos), No. J-6308, dated April 25, 1975 (Bates Stamped LIP 071510 034);

17. Product Bulletin, Drywall Accessory Products, K-Spray Ceiling Texture Non-Asbestos, No. J-5508, dated October 13, 1975 (Bates Stamped LIP 071510 035-036)

18. Product Bulletin, Drywall Accessory Products, Fast Set (Non-Asbestos), No. J-6308A, dated July 10, 1975 (Bates Stamped LIP 071510 037-038).

19. Product Bulletin, Drywall Accessory Products, Premix Topping Compound (Non-Asbestos), No. J-6806, dated September 16, 1975 (Bates Stamped LIP 071510 039-040).

20. Product Bulletin, Drywall Accessory Products, Premix Joint Compound Dual-Purpose (Non-Asbestos), No. J-6908, dated November 11, 1975 (Bates Stamped LIP 071510 041).

21. Product Bulletin, Drywall Accessory Products, One Day Joint Compound (Non-Asbestos), No. J-6308, dated July 8, 1975 (Bates Stamped LIP 071510 042-044).

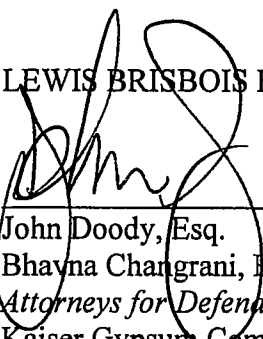
22. Product Bulletin, Drywall Accessory Products, One Day Joint Compound (Non-Asbestos), No. J-6308, dated April 24, 1975 (Bates Stamped LIP 071510 045).

23. Product Bulletin, Drywall Accessory Products, Premix Joint Compound Dual-Purpose
(Non-Asbestos), No. J-6908, dated August 26, 1975 (Bates Stamped LIP 071510 046).

Dated: New York, New York
July 9, 2010

LEWIS BRISBOIS BISGAARD & SMITH, LLP

By:


John Doody, Esq.
Bhavna Changrani, Esq.
Attorneys for Defendants
Kaiser Gypsum Company, Inc.
199 Water Street, 25th Floor
New York, New York 10038
(212) 232-1300
(212) 232-1399

TO:

Lipsitz & Ponterio, LLC 135 Delaware Avenue, 5 th Floor Buffalo, New York 14202-2415 (Via Fedex) And Joseph T. Kremer, Esq. 16 Squire Court Getzville, NY 14068 (Via Fedex-Sat.Delivery)	Chales A. Candon, Esq. Steven W. Smith, Esq. LAW OFFICES OF PETER G. ANGELOS, P.C. <i>Co-Counsel for Plaintiff</i> 100 North Charles Street, 22 nd Floor Baltimore, MD 21201 (via e-mail)
Julie Evans, Esq. WILSON ELSEER MOSKOWITZ EDELMAN & DICKER <i>Attorneys for Defendants</i> <i>Conwed Corporation</i> 150 East 42 nd Street New York, New York 10017 (via e-mail)	Judith Yavitz, Esq. Gary Casimir, Esq. <i>Attorneys for Defendants</i> <i>Union Carbide Corporation</i> REED SMITH LLP 599 Lexington Avenue New York, New York 10022 (via e-mail)
Martin Donald Dubin, Esq. <i>Co-Counsel for Defendants</i> <i>Union Carbide Corporation</i>	

ORRICK
51 West 52nd Street
New York, New York 10019
(via e-mail)

AFFIDAVIT OF SERVICE

[illegible]

Mary Fedow, being duly sworn, deposes and says:

I am not a party to this action, I am over eighteen (18) years of age and I reside in the State of New York, County of Kings.

That on the **9th day of July, 2010**, I served a true copy of the annexed:

DEFENDANT KAISER GYPSUM'S SUPPLEMENTAL EXHIBIT LIST

UPON:

Lipsitz & Ponterio, LLC
135 Delaware Avenue, 5th Floor
Buffalo, New York 14202-2415
(Via Fedex)
and
Joseph T. Kremer, Esq.
16 Squire Court
Getzville, NY 14068
(Via Fedex-Sat.Delivery)

Chales A. Candon, Esq.
Steven W. Smith, Esq.
LAW OFFICES OF
PETER G. ANGELOS, P.C.
Co-Counsel for Plaintiff
100 North Charles Street, 22nd Floor
Baltimore, MD 21201
(Via e-mail)

Julie Evans, Esq.
WILSON ELSER MOSKOWITZ
EDELMAN & DICKER
Attorneys for Defendants
Conwed Corporation
150 East 42nd Street
New York, New York 10017
(via e-mail)

Judith Yavitz, Esq.
Gary Casimir, Esq.
Attorneys for Defendants
Union Carbide Corporation
REED SMITH LLP
599 Lexington Avenue
New York, New York 10022
(via e-mail)

Martin Donald Dubin, Esq.
Co-Counsel for Defendants
Union Carbide Corporation
ORRICK

51 West 52 nd Street New York, New York 10019 (via e-mail)	
---	--

by depositing same in an official depository under the exclusive care and custody of the United State Postal Service within the State of New York in a postage prepaid envelope, VIA FEDEX and E-MAIL addressed to the attorneys and parties listed below at the addresses designated by them as the addresses for service of papers.

Mary Fedow
Mary Fedow

Sworn to before me this
9th day of July, 2010

Shadene Morant-Daniels
- Notary Public

Shadene Morant-Daniels
Notary Public, State of New York
No. 24-4986342
Qualified in Kings County
Commission Expires Sept. 9, 2013

**KAISER
CEMENT & GYPSUM
CORPORATION**

46
KAISER CENTER, OAKLAND, CALIFORNIA 94606

WS RELEASE NEWS RELEASE NEWS REL

FOR FURTHER INFORMATION
CONTACT L. M. BRYAN
(415) 271-2043, OAKLAND
HOME (415) 648-1142

*make
207*

HOLD FOR RELEASE AT 8:30 A. M., EST, MONDAY, MARCH 20, 1978

OAKLAND, Calif. -- Kaiser Cement & Gypsum Corporation today announced an agreement for the sale of virtually all of its active gypsum business assets for cash of \$34.5 million, including inventories of about \$4 million. The company said it will use the proceeds in an aggressive growth program of cement plant modernizations and possible acquisitions with the objective of enhancing its future profitability.

The announcement said that Domtar, Inc. of Montreal has agreed to purchase Kaiser's principal gypsum assets in a transaction that will result in an aftertax gain to Kaiser Cement of about \$7.8 million, equal to \$1.24 per common share. The sale presently is scheduled to close on April 3.

Kaiser Cement said 1978 net earnings will benefit substantially from gains on its dispositions of gypsum assets, although sales revenue will drop as a consequence. Even more significantly, the company said, its earnings from operations are expected to exceed the record level of last year since any loss of profitability from gypsum assets is expected to be more than offset by anticipated increases in operating profit from its cement business, higher profits from overseas investments and earnings from investment of the gypsum sale proceeds.

Included in the sale to Domtar are Kaiser's two gypsum wallboard plants at Long Beach and Antioch, Calif., a paper manufacturing plant at San Leandro, Calif., the gypsum ore

(more)

**KAISER
CEMENT & GYPSUM
CORPORATION**

46
KAISER CENTER, OAKLAND, CALIFORNIA 94612

AS RELEASE NEWS RELEASE NEWS RELEASE

FOR FURTHER INFORMATION
CONTACT L. M. BRYAN
(415) 271-2013, OAKLAND
HOME (415) 648-1142

madison
207

HOLD FOR RELEASE AT 8:30 A. M., EST, MONDAY, MARCH 20, 1978

OAKLAND, Calif. — Kaiser Cement & Gypsum Corporation today announced an agreement for the sale of virtually all of its active gypsum business assets for cash of \$34.5 million, including inventories of about \$4 million. The company said it will use the proceeds in an aggressive growth program of cement-plant modernizations and possible acquisitions with the objective of enhancing its future profitability.

The announcement said that Domtar, Inc. of Montreal has agreed to purchase Kaiser's principal gypsum assets in a transaction that will result in an after-tax gain to Kaiser Cement of about \$7.8 million, equal to \$1.24 per common share. The sale presently is scheduled to close on April 3.

Kaiser Cement said 1978 net earnings will benefit substantially from gains on its dispositions of gypsum assets, although sales revenue will drop as a consequence. Even more significantly, the company said, its earnings from operations are expected to exceed the record level of last year since any loss of profitability from gypsum assets is expected to be more than offset by anticipated increases in operating profit from its cement business, higher profits from overseas investments and earnings from investment of the gypsum sale proceeds.

Included in the sale to Domtar are Kaiser's two gypsum wallboard plants at Long Beach and Antioch, Calif., a paper manufacturing plant at San Leandro, Calif., the gypsum ore

(more)

vessels S. S. Harry Lundeborg and M. V. Pacific Carrier, and Kaiser's interest in a wholly-owned subsidiary whose major asset consists of shares in a Mexican company which owns and operates a gypsum mine at San Marcos Island, Baja California.

Damtar also will acquire Kaiser's contracts for the supply of gypsum rock and wallboard paper to other manufacturers. A separate agreement grants Damtar the right of first refusal to acquire an undeveloped gypsum deposit owned by Kaiser in Nova Scotia.

Kaiser Cement's only remaining gypsum business assets will be an insulating products plant at St. Helens, Ore., a small gypsum wallboard plant at Puebla, Mexico, and an inactive wallboard plant at Delanco, N. J. A spokesman said that Kaiser Cement intends to dispose of these assets when such sales appear to be in the best interests of the company and its shareholders.

The sale to Damtar is the largest in a series of gypsum asset dispositions consummated by Kaiser in the last 2-1/2 years. Earlier this year, the company sold its gypsum wallboard plant at Seattle, Wash., to local investors for cash of about \$8 million.

The transaction with Damtar will bring the total of all of Kaiser Cement's gypsum assets sales in the 2-1/2 year period to over \$52 million, substantially in excess of their aggregate book value.

Kaiser Cement said its exit from the gypsum business in the U. S. will enable the company to concentrate its financial and management resources primarily on a large-scale program of strengthening its cement operations, which have shown consistent earnings growth in recent years.

In addition, Kaiser Cement said, its Board of Directors has unanimously endorsed a management program of pursuing acquisitions which could extend the company's operations beyond its base in the West, where it is the region's largest producer of cement.

(more)

Two major cement plant modernization projects already have been announced by Kaiser. The first is a \$72 million program to convert the Permanente, Calif., plant to a dry-process facility and equip it to burn coal as a primary fuel. A second modernization, announced last week, will double the capacity of a dry-process kiln at the San Antonio, Texas, plant at a cost of about \$11 million. Together, these programs will achieve major savings in fuel use and manufacturing costs affecting more than half of Kaiser's cement productive capacity.

Engineering studies have been completed for similar cost-saving modernizations of other Kaiser cement plants, and permit applications are expected to be made shortly, the company said.

The plant modernization programs will entail total capital expenditures far exceeding any previously undertaken by Kaiser Cement. No estimate of the ultimate amount was given, but the company noted that it currently expects to spend a record \$35 million on these programs in 1978 and a substantially greater amount in 1979.

KAISER GYPSUM COMPANY, INC.

INTER-OFFICE MEMORANDUM

Ex 21

TO: H. L. Weightman
AT: Room 2420 - Kaiser Center

DATE: May 2, 1968

COPIES TO

C. E. Caprya
H. G. Dupuis
S. J. Smith
P. J. Franklin
R. D. Hays
J. H. Watson

FROM: R. H. James
AT: [Signature]

SUBJECT: ACCESSORIES CHARGED TO RESEARCH - DELANCO

It was our understanding that until the accessories produced at Delanco were acceptable to the trade they would be demonstrated on the basis of a research demonstration. We had anticipated the termination of research demonstration by the end of March as mentioned in your note of April 22. However, because of continuing difficulties in gaining acceptance, we have continued demonstrations through April. All of these demonstrations have been to gain the acceptance of the contractors. There have been some sales but they have been rather small and the majority of them have either gone to lumber yards or small contractors.

Inasmuch as production has ceased on most products designed for contractors, there seems to be changes in formulation necessary, we consider all demonstrations up to now as research demonstrations. In effect we have not been offering a salable product from research to date.

RHJ:par



KAI R GYPSUM COMPANY, NC.

INTER-OFFICE MEMORANDUM

To
BY

J. H. Watson
White Plains

DATE

September 25, 1968

COPIES TO

R. H. James
E. A. Mills
R. C. Crowle

J. J. Hague
R. A. Costa
H. C. Dupuis

FROM
BY

S. J. Smith

SUBJECT

WALLBOARD ACCESSORIES

As you know when we started the Delanco accessory plant, two men were assigned—one in each district—to spend 50 per cent of their time on accessory products. Because the delay in the production of powdered material limited the sales of these products, these men were not utilized to their full 50 per cent in this capacity.

By the time you receive this memo, we should have the release on powdered joint and finishing compound, and we would expect that these two product specialists would be at least assigned the 50 per cent of their time in the promotion of these products.

I have written a memo to R. C. Crowle requesting that a full-time man be assigned to each district, starting immediately in order to try to catch up the sales that we should have had by now.

If this is not approved, at least I want the product specialists working 50 per cent of the time in each of the districts so that we get maximum efforts. If there is any problem along this line, I would appreciate hearing from you. If not, will expect the two product specialists working on accessories 50 per cent of their time.

SJS:jc

KAISER GYPSUM COMPANY, INC.

INTER-OFFICE MEMORANDUM

Plants - General
Reports
Field Quality Report

TO G. H. KIRK
BY OAKLAND 2420

DATE January 13, 1969

	C. E. Harper	P. W. Tillisch	E. A. Mills	
	R. A. Costa	J. H. Hodges	W. L. McKinnon	
Concise to	J. J. Hague	H. L. Weighman	R. L. Carson	From
	R. C. Crowle	G. E. Caprye	E. F. Budka	At
	E. H. Schaner	J. H. Watson	G. R. Martin	
	E. J. Franklin	R. H. James	R. W. Harlan	

G. A. Benedict
Delanco, N. J.

Subject: Field Quality Report No. 1 -- Period covered January 6 to January 10, 1969

AREAS VISITED: CENTRAL AND SOUTHERN NEW JERSEY

Major Observations made are as follows:

I. Quality of Major Products

A. Wallboard

1. Based on competitive samples obtained from the above areas, Kaiser's Regular and N.A.F. wallboard remain competitive in such categories as weight, edge hardness and taper depth. Scoring, breaking and nailing qualities were also good.

2. Cupped tapers observed on 5/8" wallboard produced in October and December; board produced in early January showed considerable improvement.

3. Kaiser's 5/8" vinyl wallboard showing signs of stenter board warp, causing offset joints when used in conjunction with sound deadening board and steel studs.

B. Plaster and Lath

Basically a wallboard area; none of Kaiser's lath or plaster working during this period.

C. Accessories

1. The above areas being a dry powdered compound market, there is very little of Kaiser's material sold. There were 200 bags of 1-purpose J.C. sold; however, this material was still at the dealer's yard--no jobs working using said material. Problems encountered on 1-purpose J.C. both at the plant (rapid setdown) and in the field (lumping). Tests are underway at Delanco to resolve problems.

2. Kaiser's steel stud and track very acceptable, working satisfactory. No jobs observed using Kaiser's corner bead--very little sold in the area. Rust problem seems to be eliminated.

CF 775
1-2-3

ATTACHMENT
FIELD QUALITY REPORT NO. 1

G. A. BENEDICT
JANUARY 13, 1969

D. Competitive Products

1. U. S. Gypsum's 3/8" rocklath out of their Phila. plant still bundled on the edges (no zip tape), ends not saved. Board exhibiting hot ends ranging from 1/2" up to 3" (end peel). Width control OK, lengths variable 47-11/16" to 47-7/8".
2. U. S. G. 's 3/8" S-W edge wallboard seen in increasing amounts, captures full load in many instances.
3. National's 3/8" wallboard quality has fallen off some; knobby breaks, soft edges and a slight end peel observed.
4. Celotex's 1/2" Type X wallboard weights ranging in the 1900's; core looks good.
5. U. S. G. 's Econo bead (non-perforated) predominately used, very well accepted; on all jobs no rusting noted.
6. Penn-Crete joint compound increasing in popularity, well accepted; finished results excellent. Quality joint compound experiencing problems (lumps, grit and dragging properties); the word has spread and many old customers refuse to buy.

~~7. U. S. Gypsum's wallboard joint tape dominates this area.~~

E. Action Required

1. Make necessary adjustments to eliminate cupped tapes on 3/8" wall, shims on mixer table, adjustments on mixer boots, heat on paper or blitting, scoring motors.
2. Vinyl wallboard received from Antioch and stocked at Delanco, improved slauter placement or go to wood pallets/eliminate wavy.
3. Based on tests conducted at Jacksonville and Delanco in regard to rusty corner bead, Delanco plant to ship all bead produced from Japanese stock.
4. Continue tests on 3-purpose joint compound, resolve rapid larddown, and lump problem. Continue demos in the field.

ATTACHMENT
FIELD QUALITY REPORT NO. 1

G. A. BENEDICT
JANUARY 12, 1969

(1) CHERRY HILL OFFICE CENTER (BUILDING "C" - 2 STORY OFFICES), CHERRY HILL, NEW JERSEY. CONTRACTOR: PENN-WALL CONSTRUCTION

Kaiser's aluminum door frames used throughout (single and double hang); working satisfactory, only problem being service. KWS 250 Stud and track also used throughout very well accepted--no problems. Using Kaiser's 1/2" sound board used on corridor and party walls, single ply, no problems. Using Kaiser's 5/8" type X vinyl wallboard; mistic blue, cameo white, champagne, bittersweet, bayleaf and yellow essence. Problems encountered on vinyl wallboard:

1. Slenter board warp--board applied vertically; screw fastened top and bottom and glued to sound board and studs; offset seen from one board to the other where warp occurred.

2. Some face depressions showing thru vinyl finish.

3. Cockled new-line paper.

The last two problems were not stated by the job foreman and do not appear to be a major problem at this time; however, the slenter board warp is a problem and was not only encountered on this jobsite, but also seen on a site in Camden, N. J., same contractor (glue adhesive does not have enough draw-up power as do screws).

Kaiser's aluminum trim also used, no problems. Building "D" also investigated, same type construction but three stories. All Kaiser's material used.

(2) RICHWICK VILLAGE (SINGLE HOMES, PRICE \$25,000 to \$35,000) CHERRY HILL, N. J. CONTRACTOR: I & A DRYWALL

U. S. Gypsum's 3/8" S-W wallboard coded 12198PH35 used throughout. Knobby breaks seen on across and parallel directions, both on narrow and large cuts. Some unsaved ends seen; hangers claim that board is too soft. Ceiling joints out of alignment and warp causing wavy ceilings. U. S. G.'s 1/2" T & G Firecode Sheathing used on exterior, working satisfactory.

(3) BRANDYWOODS (SINGLE HOMES \$28,000) CHERRY HILL, N. J. CONTRACTOR: BETTER DRYWALL--BOB RICKAROUGH

National's 3/8" wallboard used, codes illegible; board applied horizontally and fastened with a 1-3/8 phosphate-coated nail, double nailed. Wallboard showing signs of knobby breaks in across direction breaks; also soft edges and a slight end peel. National's quality on this product seems to have fallen off some.

Another home investigated on same development: Celotex's 1/2" wallboard coded H10883 used. Knobby scoring in both directions and soft edges observed.

ATTACHMENT
FIELD QUALITY REPORT NO. 1.

G. A. BENEDICT
JANUARY 13, 1969

(4) PICKNICK APTS (2 STORY) CHERRY HILL, N. J. CONTRACTOR: T & A DRYWALL

Wood framed, front and back, with cinderblock used on fire walls. Kaiser's 1/2" wallboard coded 12D296658 used throughout. Wallboard's scoring, breaking and nailing qualities were excellent as acclaimed by hangers. Noted, edges could be slightly harder and several hot ends were evident. No face ply separation noted. Kaiser's 1/2" Moisture guard used in all bathrooms, working satisfactory.

(5) MAPLEWOOD APTS. & TOWNHOUSES, MAPLE SHADE, N. J. CONTRACTOR: JOE WOLF

U. S. G.'s 1/2" regular coded 12308PH34 and Plinkote's 1/2" regular coded 3198G38 used throughout. U. S. G.'s board breaking, knobby on narrow cuts. Plinkote's board showing signs of brittle core; nails breaking face paper. Core structure and edge hardness on both types board were satisfactory. U. S. G.'s 1-1/8" Econo bead used; no signs of rusting.

(6) INSURANCE CO. OF NORTH AMERICA, MOORESTOWN, N. J. (ONE STORY BUILDING) CONTRACTOR: C. ERICKSON & SONS

Kaiser's 2-1/2" steel stud used throughout. Kaiser's 1/2" wallboard coded 12D26F268 used in small quantities. The majority of board used is Kaiser's 1/2" x 4' vinyl coated (french white) wallboard. Entire job Kaiser's 360 system except for one aluminum extrusion, this being Goldbond's 1607 ceiling trim channel with trim clips, which is commonly used in their contempo wall system. System working quite well, liked by contractor and crews.

(7) VILLAGE OF PINE RUN (SINGLE HOMES \$73,000) BLACKWOOD, N. J. CONTRACTOR: JOE WOLF

Kaiser's 1/2" wallboard coded 9M26J2 (JAX'S board), double nailed, dimpling good, edge hardness satisfactory, slight knobby breaks in across direction (feels damp) other than this wallboard working good. Quality joint compound--third coat work (hand trowel); on flats, some pocking. Over metal (heavy fills) pocking and tearing noted, looks like quality has lost some of its working properties. U. S. G.'s 1-1/8" Econo bead used; no rusting noted.

3

ATTACHMENT
FIELD QUALITY REPORT NO. 1

G. A. BENEDICT
JANUARY 13, 1969

(8) VILLAGE OF PINE RUN (TOWNHOUSES AND APTS--2 & 3 STORES) BLACKWOOD,
NEW JERSEY CONTRACTOR: D & T DRYWALL

Celotex's 1/2" type X sf wallboard coded L248E3 used on first and second floor ceilings; single ply; third floor ceiling, truss 24" o.c., dual ply of 1/2 type X. Celotex's 1/2" regular wallboard coded A329E3 used on all interior walls, single ply, four nails per member, nail 1-3/8" smooth shank with 5/16" head. Nails over dimpled, breaking face paper. Elastocel slabs used on all floors. Narrow cuts on 1/2" regular wallboard knobby. U.S.G.'s tape and Penn-Crete's joint compound used, only taping during visit, working satisfactory. Tapers claim quality J. C. previously used (within a month) lumpy and poor working--stopped using. Also claims Penn-Crete J. C. during summer month has fast open time and poor bond.

(9) LATHAM PARK (TWO-STORY APTS.) WILLIAMSTOWN, N. J. CONTRACTOR: BILL HUNT

J. M.'s 1/2" wallboard no codes available; Georgia-Pacific's 1/2" wallboard coded 11218WF, board fastened using six nails per member on side walls and 7 nails on ceilings. U. S. G.'s 1-1/8" Econo bead nonperforated used throughout. Penn-Crete J. C. used to embed U. S. G.'s tape, only taping during visit using an 11" trowel for entire operation. Several knobby cuts noted on both types wallboard, both directions. Nails breaking face paper, nails not over dimpled. Finished apartments inspected where Penn-Crete J. C. was used; final appearance was satisfactory. In speaking with Bob Sims, taper, he claims up to a month ago he used quality J. C., and discontinued use of same due to poor workability and lumps.

(10) THE WOODS (SINGLE HOMES \$25,000) BERLIN, N.J. CONTRACTOR: ADAM GARTENHAYER

Kaiser's 3/8" wallboard coded 12D5F368 and U. S. Gypsum's 3/8" wallboard coded 12208PH18 used in main body of house. Celotex's 1/2" wallboard coded A929E3 used in garage. One side of U. S. G.'s edge, harder than other side; Celotex's 1/2" wallboard edges soft; Kaiser's wallboard slightly harder than either. Taper depth on Kaiser's 3/8" wallboard slightly deeper than U. S. G.'s; both 3/8" wallboards scoring, breaking and nailing satisfactory. Slight cup taper noted on Kaiser's wallboard.

(11) ALLISON APARTMENTS (TWO STORES) MARLTON, N. J. CONTRACTOR: JIM BACHELOR

G. P.'s 3/8" wallboard coded 12058WF used throughout. Cinderblock firewalls separating each unit; wood furred 16" o.c. Wallboard double nailed. Slabs--Elastocel. Knobby breaks on across direction breaks and nails breaking face paper, brittle core. Quality J. C. used (3 coats, hand applied), finished appearance. Hocking and grainy on heavy fills; flats very fair. U. S. G.'s tape and econobead 1-1/8 used, no rust seen on bead.

4

ATTACHMENT
FIELD QUALITY REPORT NO. 1.

G. A. BENEDICT
JANUARY 13, 1969

- (12) VIEW AMSTERDAM (TWO-STORY, ONE BEDROOM APTS.) MARLTON, N. J. CONTRACTOR:
L & A DRYWALL

Kaiser's 1/8" wallboard coded 9D30L868 and 10D1P168 used throughout.
U. S. G.'s 1-1/8 econobead nonperforated and Pann-Crete's J. C. to be
used. Wallboard working satisfactory; did note a slight cup taper
on board.

- (13) MAYFAIR CROSSING (SINGLE SPLIT \$26,000) MARLTON, N. J. CONTRACTOR: JOHN
CASTORINO

Kaiser's 1/8" wallboard coded 106P269 used in main body of home; U. S. G.'s
1/2" firecode used in garage coded 12198PH18. J. M.'s glass fiber used
in exterior cavities. Kaiser's wallboard working okay, edges hard.

NOTE: Samples of wallboard and joint compound (Quality, Pann-Crete,
U. S. G. Topping and Quaker) obtained for competitive tests at Delanco
Plant. Weather during above visits, two to three inches of snow on
the ground, clear and cold, 20-30 degrees.

- (14) RESIDENTIAL HOME (\$30,000) DAVIS AVE., ABSECON, N. J. CONTRACTOR:
ED WILLIAMS & SON

Kaiser's 1/2" round edge regular wallboard coded 12D18B368, Kaiser's
3/8" backerboard no codes available. Ceilings; electric heat, 3/8"
backerboard nailed to joist, Kaiser's 1/4" wallboard used in 2" strips
(nailed) 16" o.c.; electric wire placed between strips. Kaiser's hand
hardwall plaster laved in over wire (1/4" thick sand aggregated).
Kaiser's 1/2" R.E.W.B. double nailed over system. All side walls
Kaiser's 1/2" R.E.W.B. Contractor stated he has done several homes
in this manner with no problems, likes system. Will use durabond 90 to
prefill and Kaiser's 3-purpose J. C. 1/2" R.E. wallboard working
exceptionally well, no problems.

- (15) THE OAKS (RANCHERS \$18,000) SOMER'S POINT, N. J. CONTRACTOR: TONY MAZZIO

Celotex's 1/2" regular wallboard coded A8288J double nailed, soft edges,
many ends not sawed. Scoring and breaking satisfactory; not taping during
visit.

- (16) ATLANTIS APTS. (ONE AND TWO BEDROOMS--THREE STORIES) SOMER'S POINT, N. J.
CONTRACTOR: DOMINICK BAURIPPI

U. S. G.'s 3/8" Rocklath coded 12188PH18 used at present, will go Kaiser's.
Board hung using conventional lathing nail, four per member on ceiling and three
on side walls. Many bundles showing several hot ends. Lengths ranged from
47-11/16" to 47-7/8" and sawed. Widths 15-7/8" to 16", board side bundled.
Not plastering during visit; contractor will go with U.S.G. Redtop cement.

5

ATTACHMENT
FIELD QUALITY REPORT NO. 1

G. A. BENEDICT
JANUARY 13, 1969

(17) SINGLE HOME (\$20,000 RANCHER) OCEAN CITY, N. J. CONTRACTOR: TONY MAZZIO

Calotex's 1/2" wallboard coded A929B3 double nailed, seven on ceiling and six on side walls using a 1-3/8" x 3/8" head smooth shank. Board exhibiting knobby breaks in across direction. Dry core splitter also noted.

(18) SINGLE HOME (\$18,000 SPLIT) BARNEGAT LAGOON, N. J. CONTRACTOR: U. S. DRYWALL

Kaiser's 3/8" wallboard coded 1D62369 double nailed, working satisfactory. Taper formation was good, no cupping noted. U. S. G.'s 3/8" S. E. Ultrawall panels (light oak) also used, using predecorated nails to fasten wallboard to studs. No slip sheet noted between panel sheets.

(19) RESIDENTIAL HOME (\$35,000 CAPE COD) BRIGANTINE, N. J. CONTRACTOR: UNKNOWN

U. S. Gypsum's 3/8" regular wallboard coded 12108PH and Calotex's 3/8" regular wallboard coded M318E1, the latter having many out edges and several hot ends. U. S. G.'s 3/8" wallboard exhibiting a slight core splitter.

Chon

INTER-OFFICE MEMORANDUM

TO: C. E. Caprye G. W. James
AT: J. D. Cassidy J. F. Modaff M. Slavich
J. W. Flannigan P. D. Orleman S. R. Witt
D. L. Hardy R. P. Russell
COPIES TO: J. W. Blawett R. W. Grigg J. H. Walton
R. C. Crowle C. R. Grimme
H. C. Dupuis G. B. Kirk
P. J. Franklin E. H. Schaper

DATE: May 17, 1973
FROM: R. A. Madsen
AT: KB-928

SUBJECT: ASBESTOS CAUTION LABELS

Ref: Occupational, Safety, and Health Act of 1970

CAUTION
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
BREATHING ASBESTOS DUST MAY CAUSE SERIOUS BODILY HARM

Above label is in compliance with Federal Regulations relating to Occupational, Safety, and Health Standards 29 CFR 1910.93a.

The above label must appear on all Kaiser Gypsum Company bags, cartons, containers, etc. which contain products formulated with asbestos fiber. The purchasing department is continuing to instruct suppliers to include the caution label when printing reorders for packaging materials in order to eventually eliminate the need to hand affix them at the plants.

In the meantime, if you have existing unlabelled inventory, please advise me immediately of the number of labels needed at your facility to insure prompt compliance with the above referenced federal regulation.

You may prefer to accomplish the labelling with a hand stamp which can be procured locally at any stationery store. Intention, please advise.

Thank you.

317-3

Memorandum from
R. W. WARREN

Caron

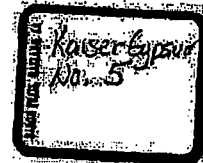
SYD HENDERSON

5/17/73

As soon as the plant managers advise me of their requirements, I'll let you know what quantities of labels we'll need and where to ship them.

Thank you.

Dick
Dick M.



KAISER GYPSUM COMPANY, INC.

INTER-OFFICE MEMORANDUM

cc: G. James
C. Caprye
J. Modaff
M. Slavich

To: J. W. Blewett
At: R. C. Crowle
H. C. Dupuis
P. J. Franklin ✓
R. A. Madsen
W. J. Marshall

F. H. Schaper
J. S. Sheahan
T. V. Smith
J. E. Toomey
J. H. Walton
H. L. Weightman

DATE: June 27, 1973

FROM: G. B. Kirk *GBK*
AT: KB-1145

COPIES TO:

SUBJECT: ASBESTOS

With the recent passage of EPA regulations restricting the spray-on application of insulating and fireproofing products containing asbestos, we are beginning to get inquiries from contractors concerning Kaiser Gypsum Texture Products and Radiant Heat Products. These products do contain small amounts of asbestos fiber and are spray-applied on the job. Contractors are anxious to know whether the new EPA regulations restrict or prohibit the spray-on application of these products.

During the past year, John Sheahan has attended EPA meetings and has corresponded with EPA and has now received a letter from EPA headquarters advising that these Kaiser Gypsum products are considered to be decorative materials and are not a major source of asbestos emissions. Therefore, EPA does not include these products in the scope of the new regulations. Therefore, these Kaiser Gypsum products may continue to be spray applied on the job by contractors.

In order to clarify the facts concerning the OSHA and EPA regulations concerning asbestos, the attached draft has been prepared as a proposed Merchandising Bulletin. This would disseminate the information to our sales personnel and would be available through our sales people to contractors.

Please review the attached draft and advise your comments on the draft by July 13.

NOTE:

Attached to this memo are copies of John Sheahan's correspondence and a copy of the asbestos caution label for your information. It is not intended to attach this material to the Merchandising Bulletin.

GBK:jc
Enclosures



DRAFT

ASBESTOS

Federal agencies have investigated asbestos and found that it can be a health hazard.

Exposure to airborne asbestos of high enough intensity and long enough duration causes lung cancer and asbestosis, a non-cancerous lung disease which often causes death. There are many disputes as to what is a safe level of exposure and whether one type of asbestos is less harmful than others.

Because the effects may take twenty to thirty years to show up, health authorities are inclined to set tight limits on any asbestos exposure.

U. S. Department of Labor, through the Occupational Safety & Health Act, has adopted regulations to protect workers exposed to asbestos. U. S. Environmental Protection Agency has adopted regulations to protect the general public.

Kaiser Gypsum Company, Inc., uses a small amount of asbestos for workability and shrinkage control in joint compounds, texture paints, and radiant heat compounds. Kaiser Gypsum Company is manufacturing and labeling these products in accordance with OSHA and EPA regulations. Contractors using these products are also affected by these regulations.

The following information generally summarizes asbestos regulations pertaining to Kaiser Gypsum products. Specific details are spelled out in the regulations themselves and should be studied by contractors using these products.

Asbestos
Page 2

KAISER GYPSUM COMPANY

During manufacture of these products, OSHA has several requirements including use of proper respirators by workers. Broken bags and spills are to be cleaned up by vacuum cleaners. Bags are to be disposed of in sealed plastic bags.

EPA requires "No visible emissions" to the outside air from manufacturing plants to protect the general public from asbestos fiber.

CONTRACTORS

During mixing, spray application, and sanding of these products, OSHA requires workers to use proper respirators. Empty bags are to be disposed of in sealed plastic bags.

There is considerable misunderstanding about the EPA regulations on spraying of asbestos-containing products on jobs. Kaiser Gypsum Company has been advised by the EPA that, "It is the opinion of this Agency that the spray-on application of decorative materials containing asbestos is not a major source of asbestos emissions; therefore, spray-on decorative materials were not included in the regulations. The regulations only apply to the spray-on application of insulating and fireproofing materials."

Kaiser K-Spray Ceiling Texture, Kaiser Cover-Tex Texture Paint, and Kaiser Radiant Heat Compounds may be sprayed applied on the job. Although these products contain small amounts of asbestos, spray application is not considered to create a hazard, and these products are not covered by EPA regulations.

Asbestos
Page 3

REFERENCES

1. OSHA regulations: Occupational Safety and Health Standards, Department of Labor. Standard for Exposure to Asbestos Dust. Title 29, Chapter XVII, Part 1910, Federal Register, Volume 37, No. 110 - June 7, 1972.
2. EPA regulations: National Emission Standards for Hazardous Air Pollutants, 40CFR 61, Federal Register, Volume 38, No. 66 - April 6, 1973.
3. Letter to Kaiser Gypsum Company from the Deputy Assistant Administrator for General Enforcement, U. S. Environmental Protection Agency, Washington, D. C., dated May 29, 1973.
4. Control Techniques for Asbestos Air Pollutants, U. S. Environmental Protection Agency, Research Triangle Park, North Carolina - February 1973.

GBK:jc
8/27/73

SUPERIOR COURT OF WASHINGTON FOR KING COUNTY

JOHN E. CRUM and MARILYN J.
CRUM, a married couple.

Plaintiffs,

v.

THE E.J. BARTELLS COMPANY, et al.,

Defendants.

No. 98-2-24913-3 SEA

AFFIDAVIT OF RICHARD A.
MADSEN



STATE OF CALIFORNIA

COUNTY OF SAN FRANCISCO

ss:

I, RICHARD A. MADSEN, declare:

1. I was employed with KAISER GYPSUM COMPANY, INC. (hereinafter "KAISER GYPSUM") from 1966 through 1978 when KAISER GYPSUM ceased its operations. While employed with KAISER GYPSUM, my job title was Director of Advertising and Public Relations.

2. I was a friend and co-worker of JOHN CRUM and accompanied Brent Crosby to visit Mr. Crum a few weeks prior to his death.

3. I recall decedent JOHN CRUM being employed by KAISER GYPSUM as a salesman for the Reno/Tahoe district.

4. I am informed and believe that the above-captioned lawsuit was filed against KAISER GYPSUM by JOHN CRUM who alleges exposure to asbestos-containing products.

5. As Director of Advertising and Public Relations, it was my responsibility

AFFIDAVIT OF RICHARD A. MADSEN

1 to supervise the design and order all packaging materials and labels for every product
2 which bore the KAISER GYPSUM name.

3 6. I have been informed that Mr. Brentwood (Brent) Crosby, a former
4 District Sales Manager for KAISER GYPSUM with whom I am personally acquainted,
5 testified recently in deposition that he was unaware of any caution labels on any of the
6 packages of KAISER GYPSUM's asbestos-containing products.

7 7. The statement in deposition by Mr. Crosby that KAISER GYPSUM's
8 asbestos-containing products never contained a caution label is not correct.

9 8. Beginning in 1972, pursuant to OSHA regulations, KAISER GYPSUM
10 placed a caution label on all of its asbestos-containing products. The caution label, as
11 prescribed by OSHA, read, "CAUTION: Contains asbestos fiber, avoid creating dust.
12 breathing asbestos dust may cause serious bodily harm."

13 9. Initially, the above worded caution was a separate label placed on the
14 packaging of asbestos-containing products. Eventually, as new product packaging was
15 ordered and replenished, the caution label was printed on the packaging itself. As non-
16 asbestos product formulations were developed and marketed, the asbestos caution label
17 was replaced with an indication that the product was of a non-asbestos formulation.

18 III

19 III

20 III

21 III

22 III

23 III

24 III

25 III

26 III

27 III

28 III

2
AFFIDAVIT OF RICHARD A. MADSEN - 1

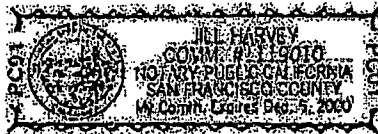
1 10. In the course of his employment, Mr. Crosby was informed by interoffice
2 memoranda of any changes in packaging and labeling, specifically, in reference to
3 asbestos caution labels.

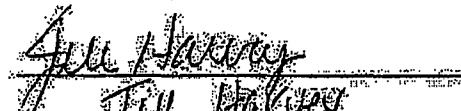
4 I declare under penalty of perjury under the laws of the State of California that the
5 foregoing is true and correct to the best of my knowledge.

6 Signed at San Francisco, California this 20th day of May, 1999.

7
8 
9 RICHARD A. MADSEN

10
11 SUBSCRIBED AND SWORN to before me this 20th day of May, 1999,
12 by Richard A. Madsen.



16
17 
18 JILL HARVEY
19 (PRINT NOTARY NAME)
20 Notary Public in and for the State of
21 California, residing at Richmond, CA
22 My commission expires: 12/5/00

23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1030
1031
1032
1033
1034
1035
1036
1037
1038
1039
1040
1041
1042
1043
1044
1045
1046
1047
1048
1049
1050
1051
1052
1053
1054
1055
1056
1057
1058
1059
1060
1061
1062
1063
1064
1065
1066
1067
1068
1069
1070
1071
1072
1073
1074
1075
1076
1077
1078
1079
1080
1081
1082
1083
1084
1085
1086
1087
1088
1089
1090
1091
1092
1093
1094
1095
1096
1097
1098
1099
1100
1101
1102
1103
1104
1105
1106
1107
1108
1109
1110
1111
1112
1113
1114
1115
1116
1117
1118
1119
1120
1121
1122
1123
1124
1125
1126
1127
1128
1129
1130
1131
1132
1133
1134
1135
1136
1137
1138
1139
1140
1141
1142
1143
1144
1145
1146
1147
1148
1149
1150
1151
1152
1153
1154
1155
1156
1157
1158
1159
1160
1161
1162
1163
1164
1165
1166
1167
1168
1169
1170
1171
1172
1173
1174
1175
1176
1177
1178
1179
1180
1181
1182
1183
1184
1185
1186
1187
1188
1189
1190
1191
1192
1193
1194
1195
1196
1197
1198
1199
1200
1201
1202
1203
1204
1205
1206
1207
1208
1209
1210
1211
1212
1213
1214
1215
1216
1217
1218
1219
1220
1221
1222
1223
1224
1225
1226
1227
1228
1229
1230
1231
1232
1233
1234
1235
1236
1237
1238
1239
1240
1241
1242
1243
1244
1245
1246
1247
1248
1249
1250
1251
1252
1253
1254
1255
1256
1257
1258
1259
1260
1261
1262
1263
1264
1265
1266
1267
1268
1269
1270
1271
1272
1273
1274
1275
1276
1277
1278
1279
1280
1281
1282
1283
1284
1285
1286
1287
1288
1289
1290
1291
1292
1293
1294
1295
1296
1297
1298
1299
1300
1301
1302
1303
1304
1305
1306
1307
1308
1309
1310
1311
1312
1313
1314
1315
1316
1317
1318
1319
1320
1321
1322
1323
1324
1325
1326
1327
1328
1329
1330
1331
1332
1333
1334
1335
1336
1337
1338
1339
1340
1341
1342
1343
1344
1345
1346
1347
1348
1349
1350
1351
1352
1353
1354
1355
1356
1357
1358
1359
1360
1361
1362
1363
1364
1365
1366
1367
1368
1369
1370
1371
1372
1373
1374
1375
1376
1377
1378
1379
1380
1381
1382
1383
1384
1385
1386
1387
1388
1389
1390
1391
1392
1393
1394
1395
1396
1397
1398
1399
1400
1401
1402
1403
1404
1405
1406
1407
1408
1409
1410
1411
1412
1413
1414
1415
1416
1417
1418
1419
1420
1421
1422
1423
1424
1425
1426
1427
1428
1429
1430
1431
1432
1433
1434
1435
1436
1437
1438
1439
1440
1441
1442
1443
1444
1445
1446
1447
1448
1449
1450
1451
1452
1453
1454
1455
1456
1457
1458
1459
1460
1461
1462
1463
1464
1465
1466
1467
1468
1469
1470
1471
1472
1473
1474
1475
1476
1477
1478
1479
1480
1481
1482
1483
1484
1485
1486
1487
1488
1489
1490
1491
1492
1493
1494
1495
1496
1497
1498
1499
1500
1501
1502
1503
1504
1505
1506
1507
1508
1509
1510
1511
1512
1513
1514
1515
1516
1517
1518
1519
1520
1521
1522
1523
1524
1525
1526
1527
1528
1529
1530
1531
1532
1533
1534
1535
1536
1537
1538
1539
1540
1541
1542
1543
1544
1545
1546
1547
1548
1549
1550
1551
1552
1553
1554
1555
1556
1557
1558
1559
1560
1561
1562
1563
1564
1565
1566
1567
1568
1569
1570
1571
1572
1573
1574
1575
1576
1577
1578
1579
1580
1581
1582
1583
1584
1585
1586
1587
1588
1589
1590
1591
1592
1593
1594
1595
1596
1597
1598
1599
1600
1601
1602
1603
1604
1605
1606
1607
1608
1609
1610
1611
1612
1613
1614
1615
1616
1617
1618
1619
1620
1621
1622
1623
1624
1625
1626
1627
1628
1629
1630
1631
1632
1633
1634
1635
1636
1637
1638
1639
1640
1641
1642
1643
1644
1645
1646
1647
1648
1649
1650
1651
1652
1653
1654
1655
1656
1657
1658
1659
1660
1661
1662
1663
1664
1665
1666
1667
1668
1669
1670
1671
1672
1673
1674
1675
1676
1677
1678
1679
1680
1681
1682
1683
1684
1685
1686
1687
1688
1689
1690
1691
1692
1693
1694
1695
1696
1697
1698
1699
1700
1701
1702
1703
1704
1705
1706
1707
1708
1709
1710
1711
1712
1713
1714
1715
1716
1717
1718
1719
1720
1721
1722
1723
1724
1725
1726
1727
1728
1729
1730
1731
1732
1733
1734
1735
1736
1737
1738
1739
1740
1741
1742
1743
1744
1745
1746
1747
1748
1749
1750
1751
1752
1753
1754
1755
1756
1757
1758
1759
1760
1761
1762
1763
1764
1765
1766
1767
1768
1769
1770
1771
1772
1773
1774
1775
1776
1777
1778
1779
1780
1781
1782
1783
1784
1785
1786
1787
1788
1789
1790
1791
1792
1793
1794
1795
1796
1797
1798
1799
1800
1801
1802
1803
1804
1805
1806
1807
1808
1809
1810
1811
1812
1813
1814
1815
1816
1817
1818
1819
1820
1821
1822
1823
1824
1825
1826
1827
1828
1829
1830
1831
1832
1833
1834
1835
1836
1837
1838
1839
1840
1841
1842
1843
1844
1845
1846
1847
1848
1849
1850
1851
1852
1853
1854
1855
1856
1857
1858
1859
1860
1861
1862
1863
1864
1865
1866
1867
1868
1869
1870
1871
1872
1873
1874
1875
1876
1877
1878
1879
1880
1881
1882
1883
1884
1885
1886
1887
1888
1889
1890
1891
1892
1893
1894
1895
1896
1897
1898
1899
1900
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2050
2051
2052
2053
2054
2055
2056
2057
2058
2059
2060
2061
2062
2063
2064
2065
2066
2067
2068
2069
2070
2071
2072
2073
2074
2075
2076
2077
2078
2079
2080
2081
2082
2083
2084
2085
2086
2087
2088
2089
2090
2091
2092
2093
2094
2095
2096
2097
2098
2099
2100
2101
2102
2103
2104
2105
2106
2107
2108
2109
2110
2111
2112
2113
2114
2115
2116
2117
2118
2119
2120
2121
2122
2123
2124
2125
2126
2127
2128
2129
2130
2131
2132
2133
2134
2135
2136
2137
2138
2139
2140
2141
2142
2143
2144
2145
2146
2147
2148
2149
2150
2151
2152
2153
2154
2155
2156
2

	TYPE	USED IN	ON HAND May 1-75	REQUEST TO SELL	APPROX. DEL. COST	PRES. USAGE PER MONTH	REMAINING MONTHS ON HAND
<u>Seattle</u>	7RF10	Dual P. Covertex	5.2 ton	-0-	\$151.	4.0 ton	1.3
	7D1	K-Spray	4.1	4.1	144.		-0-
<u>Delanco</u>	7RF10	Dual P.	15.0	-0-	95.	12.5	1.2
	7D1	K-Spray	91.5	40	165.	3.5	3.3
<u>Jacksonville</u>	7RF10	Dual P. Covertex	16.7	10	108.	2.2	3.0
	7D1	K-Spray	19.3	15	202.	1.6	2.7
	SE 210	Topping	.5	-0-	230.	-0-	-0-
<u>Antioch</u>	7RF10	Dual P. Covertex	20.0	15	151.	2.0	2.5
	7D1	K-Spray	10.0	10	144.	-0-	-0-
	SE 210	Topping	2.4	-0-	145.	2.0	1.2
	7TF12	Dual P.	20.6	15	86.	4.0	1.4
<u>Santa Ana</u>	7RF10	Dual P. Covertex	42.3	30	121.	6.5	1.9
	7D1	K-Spray	16.3	16.3	212.	-0-	-0-
	SE 210	Topping	2.7	-0-	164.	2.2	1.2

REQUEST TO SELL

	<u>7D1</u>	<u>7RF10</u>	<u>7TF12</u>
Seattle	4.1		
Delanco	40.0		
Jacksonville	15.0	10.0	
Antioch	10.0	15.0	15.0
Santa Ana	16.3	30.0	
	85.4	55.0	15.0

Plaintiff's Exhibit

KG - 198

**KAISER
CEMENT & GYPSUM
CORPORATION**

KAISER CENTER, OAKLAND, CALIFORNIA 94668

W/3 RELEASE NEWS RELEASE NEWS RELEASE

FOR FURTHER INFORMATION
CONTACT L. M. BRYAN
(415) 271-2043, OAKLAND

FOR IMMEDIATE RELEASE

October 13, 1975

OAKLAND, Calif. -- Kaiser Cement & Gypsum Corporation said today that because of depressed conditions in the residential and commercial construction markets, it has indefinitely suspended gypsum wallboard production at its Delanco, N. J., gypsum products plant and is considering the shutdown or sale of its gypsum plant at Jacksonville, Fla.

A spokesman said that wallboard inventories at the Delanco plant, which has operated at only about 50 percent of capacity this year, are sufficient to fulfill all prior commitments and also to meet expected demand for at least the next several weeks.

The New Jersey plant shutdown will affect a total of about 75 hourly and salaried employees. The company said that a work force of about 20 people will be retained at Delanco to handle shipping operations and to continue production in the plant's metal products and wallboard accessories departments.

The Kaiser Cement spokesman said that while the company's gypsum business in markets served by the Delanco and Jacksonville plants has been hurt more than elsewhere, low levels of homebuilding and commercial construction continue to adversely affect the profitability of the company's gypsum wallboard and related operations throughout the U. S.

In light of these conditions and the ongoing poor prospects for the U. S. housing industry, Kaiser Cement is continuing to assess its future role in the gypsum business, the spokesman said.

LIP 071510 029

PRODUCT BULLETIN
DRYWALL ACCESSORY
PRODUCTS

PREMIX TOPPING
COMPOUND
(NON-ASBESTOS)

BULLETIN NO: J-6808
DATE: 6-19-75
PAGE: 2 of 2

APPROVALS:

Back JWP *[Signature]*

PRODUCING PLANT:
DELANCO

CANCELS: J-6808
DATE: 6-2-75

PRODUCT SPECIFICATIONS:

Test Method

TM-1A	Viscosity, Brookfield, cps, at mixer	210,000 - 250,000
	Viscosity, Brookfield, cps, in package after 48 hours	275,000 - 325,000
TM-2	pH (Beckman meter)	8.0 to 9.0
TM-5	Open Time @ 65-80°F (minutes)	15 minimum
TM-7	Workability (hand or Ames tools)	Equal to Standard
TM-9	Shrinkage (cup method)	20% maximum
TM-14	Voids	Equal to Standard
TM-18	Water Resistance (minutes)	3 minimum
TM-34	Hardness @ 48°F	8-14 strokes. No chalking.
TM-39	Paintability Test	Equal to Standard
TM-12	Grit (total)	0.05% maximum All passing 80 mesh

DUCT BULLETIN WALL ACCESSORY DUCTS		PREMIX TOPPING COMPOUND (NON-ASBESTOS)		BULLETIN NO: J-6808 DATE: 6/2/75 PAGE: 1 of 2	
ROVALS: <i>[Signature]</i>		PRODUCING PLANT: DELANCO		CANCELS: J-6808 DATE: 12/20/74	
ITEM	DESCRIPTION	%	POUNDS	GALLONS	9/2 on solids
20	Limestone - MW 325 Whiting	59.61	3900		3900
89	Wollastonite P-1	3.06	200		200
42	Talc	2.29	150		150
86	Celite 434	1.53	100		100
52	Min-U-Gel FG	0.15	10		10
45	Cellosize QP-4400-H	0.24	16		16
30	Polyvinyl Alcohol	0.23	15		15
53	Preservative - Dowicil 75	0.09	6		6
70	PVAc Emulsion (4.30% on solids)	5.07	332	36	199.2
84	Oleic Acid	0.37	24		24
50	Triethanolamine	0.18	12		12
57	Nopco NXZ (defoamer)	0.28	18		18
57	Odorless Mineral Spirits	0.76	50	8	
	Water - start	23.54	1541	185	
	Water - adjust to std. viscosity	2.60	167	20	
	TOTAL	100.00	6541		7650

MANUFACTURING INSTRUCTIONS:

See Process Bulletin J-2.

Dry blend all powder materials 8 minutes.

For summer conditions add 8 gallons Ethylene Glycol per batch and increase Cellosize to 20 lbs. per batch.

Blank out asbestos warning.

QUALITY CONTROL:

- 1 Viscosity, Vicat, 150 gm cyl @ 5 sec.
- 1A Viscosity, Brookfield, cps.
- 6 Application
- 7 Workability

- 16 - 19 mm
- 210,000-250,000
- No lumps
- Equal to Standard.

$$PMA = \frac{6 \times .06}{6541} \times 100 = .06\% \text{ on Paste}$$

$$PMA 10 \text{ SEP } 0.06\% \text{ H}_2\text{O} = .36\%$$

$$.00077\% \text{ H}_2\text{O}$$

$$\text{H}_2\text{O Theo. on Paste} = .0006\%$$

$$\text{H}_2\text{O Theo. on Solids} = .0003\%$$

$$71.09\% \text{ Solids}$$

$$= .0006\%$$

$$= .0006\%$$

$$\frac{.36}{7650} \times 100 = .0047\%$$

PRODUCT BULLETIN DRYWALL ACCESSORY PRODUCTS		PREMIX TOPPING COMPOUND (NON-ASBESTOS)		BULLETIN NO: J-6808 DATE: 6/2/75 PAGE: 1 of 2													
APPROVALS: <i>B.R.K. [Signature] G.H.</i>		PRODUCING PLANT: DELANCO		CANCELS: J-6808 DATE: 12/20/74													
BULLETIN	DESCRIPTION	%	POUNDS	GALLONS													
220	Limestone - MW 325 Whiting	59.61	3900														
489	Wollastonite P-1	3.06	200														
442	Talc	2.29	150														
086	Celite 434	1.53	100														
052	Min-U-Gel FG	0.15	10														
245	Cellosize CP-4400-H	0.24	16														
330	Polyvinyl Alcohol	0.23	15														
453	Preservative - Dowicil 75	0.09	6														
470	PVAc Emulsion (4.30% on solids)	5.07	332	36													
284	Oleic Acid	0.37	24														
450	Triethanolamine	0.18	12														
457	Nopco NXZ (defoamer)	0.28	18														
267	Odorless Mineral Spirits	0.76	50.	8													
	Water - start	23.54	1541	185													
	Water - adjust to std. viscosity	2.60	167	20													
	TOTAL	100.00	6541														
MANUFACTURING INSTRUCTIONS: 1. See Process Bulletin J-2. 2. Dry blend all powder materials 8 minutes. 3. For summer conditions add 8 gallons Ethylene Glycol per batch and increase Cellosize to 20 lbs. per batch. 4. Blank out asbestos warning. QUALITY CONTROL: <table> <tr> <td>TM-1</td> <td>Viscosity, Vicat, 150 gm cyl @ 5 sec.</td> <td>16 - 19 mm</td> </tr> <tr> <td>TM-1A</td> <td>Viscosity, Brookfield, cps.</td> <td>210,000-250,000</td> </tr> <tr> <td>TM-6</td> <td>Application</td> <td>No lumps</td> </tr> <tr> <td>TM-7</td> <td>Workability</td> <td>Equal to Standard</td> </tr> </table>						TM-1	Viscosity, Vicat, 150 gm cyl @ 5 sec.	16 - 19 mm	TM-1A	Viscosity, Brookfield, cps.	210,000-250,000	TM-6	Application	No lumps	TM-7	Workability	Equal to Standard
TM-1	Viscosity, Vicat, 150 gm cyl @ 5 sec.	16 - 19 mm															
TM-1A	Viscosity, Brookfield, cps.	210,000-250,000															
TM-6	Application	No lumps															
TM-7	Workability	Equal to Standard															

PRODUCT BULLETIN DRYWALL ACCESSORY PRODUCTS	PREMIX TOPPING COMPOUND (NON-ASBESTOS)	BULLETIN NO: J-6808 DATE: 6-2-75 PAGE: 2 of 2
APPROVALS: <i>[Signature]</i>	PRODUCING PLANT: DELANCO	CANCELS: J-6808 DATE: 12-20-74

PRODUCT SPECIFICATIONS:

Test Method

TM-1A	Viscosity, Brookfield, cps, at mixer	210,000 - 250,000
	Viscosity, Brookfield, cps, in package after 48 hours	275,000 - 325,000
TM-2	pH (Beckman meter)	7.5 to 9.0
TM-3	Bond @ 70°F & 40-70% RH (peel)	9 - 10
TM-5	Open Time @ 65-80°F (minutes)	15 minimum
	Open Time @ 100-110°F (minutes)	4 minimum
TM-6	Application	No lumps
TM-7	Workability (hand or Ames tools)	Equal to Standard
TM-9	Shrinkage (cup method)	28% maximum
TM-10	Edge Cracking Test	None
TM-12	Grit (total)	0.05% maximum. All passing 80 mesh.
TM-14	Voids	Equal to Standard
TM-18	Water Resistance (minutes)	3 minimum

PRODUCT BULLETIN DRYWALL ACCESSORY PRODUCTS		ONE DAY JOINT COMPOUND (NON-ASBESTOS)	BULLETIN NO: J-6308 DATE: 4-24-75 PAGE: 1 of 1	
APPROVALS:		PRODUCING PLANT: DELANCO	XXXXXX : TEST BATCH DATE:	
BULLETIN	DESCRIPTION	%	POUNDS	GALLONS
076	Calcined Gypsum	73.14	1500	
052	Attagel 40	4.88	100	
247	Mica AA (Sericite)	9.75	200	
252	Mica P85	4.88	100	
442	Talc	4.88	100	
216	Hydrated Lime	.15	3.0	
417	Sodium Citrate (98% - 100M)	.05	1.0	
332	Potassium Sulfate (98% - 100M)	.22	3 to 7	
453	Preservative	.10	2.0	
166	Hamaco 277	.73	15	
330	Polyvinyl Alcohol	.73	15	
245	Methocel 228	.49	10	
	TOTAL	100.00	2050.5	

MANUFACTURING INSTRUCTIONS:

1. A thorough clean-out with whiting must be made before and after each production run.
2. Wall Texture or Joint Compounds are to be run immediately after a run of this product.
3. Mixing time shall be 8 minutes minimum and 12 minutes maximum.

PRODUCT BULLETIN
DRYWALL ACCESSORY
PRODUCTS

K-SPRAY
CEILING TEXTURE
NON-ASBESTOS

BULLETIN NO: J-5508
DATE: 10/13/75
PAGE: 1 of 2

APPROVALS:

PRODUCING PLANT:
DELANCO

CANCELS: J-5508
DATE: 5/17/74

BULLETIN	DESCRIPTION	%	POUNDS	GALLONS
442	Talc	29.96	600	
220	Whiting	32.46	650	
446	Titanium Pigment	2.50	50	
056	Wyogel Clay	2.50	50	
301	Paper Dust	2.00	40	
187	Clay Hydrite MP	14.98	300	
186	Hydrite Flat D	9.98	200	
154	Bone Glue	0.50	10	
084	Casein	1.25	25	
102	Di Ammonium Phosphate	0.25	5	
026	Ammonium Penta Borate	0.30	6	
506	Zinc Oxide	0.05	1	
216	Hydrated Lime	0.05	1	
245	Methocel 228	0.50	10	
074	Burnt Umber	0.01	2 ounces	
453A	Preservative PMA 10-SEP	0.20	4	
324	Styrene Aggregate	2.50	50	
282	Odor Mask	0.01	2 ounces	
TOTAL		100.00	2002.25	

MANUFACTURING INSTRUCTIONS:

1. See Process Bulletin No. J-4.
2. Dry blend for a minimum of 20 minutes.
3. Package 32 lbs. minimum per bag.

QUALITY CONTROL:

TM-1B Viscosity, cc per 100 gm to give 5-5½" dia. patty
TM-3A Bond
TM-33 Density, lbs. per cu. ft.

185 to 210 cc
Equal to Standard
20 maximum

BATCH SLIP:

Batch Number

Batch Time

Number Units

Batch Man

DATE OF MANUFACTURE

Viscosity

Bond

Density

Mixer Man

DAIRYALL ACCESSORY PRODUCTS	CEILING TEXTURE NON-ASBESTOS	BULLETIN NO: J-5508 DATE: 10/13/75 PAGE: 2 of 2
APPROVALS: <i>[Signature]</i>	PRODUCING PLANT: DELANCO	CANCELS: J-5508 DATE: 5/17/74

PRODUCT SPECIFICATIONS:

Test Procedures as specified in Bulletin T-7.

<u>Test Method</u>		<u>Requirements</u>
TM-1B	Viscosity (slump test; patty diameter of 5-5½")	185 to 210 cc
TM-2	pH (meter)	8.0 - 9.0
TM-3	Bond	Equal to Standard
TM-13	Reflectance (%)	80.0% minimum
TM-20	Cracking	No cracks or heavy checking
TM-22	Size graduation (500 cc sample)	
	a. Retained on 16 mesh	250 to 350 cc
	b. Passing 16, retained on 50 mesh	100 to 200 cc
TM-33	Dry loose density (lbs/cu. ft.)	19 maximum
TM-34	Hardness	Equal to Standard
TM-36	White Line Test	No discoloration between sealed & unsealed area

PRODUCT BULLETIN
DRYWALL ACCESSORY
PRODUCTS

FAST SET
(NON-ASBESTOS)

BULLETIN NO: J-6308A
DATE: 7-10-75
PAGE: 1 of 2

APPROVALS:

PRODUCING PLANT:
DELANCO

~~XXXXXXXX~~ New
DATE:

BULLETIN	DESCRIPTION	%	POUNDS	GALLONS
076	Calcined Gypsum	39.06	800	
052	Attapulugus Clay	4.88	100	
247	Mica AA (Sericite)	9.76	200	
252	Mica P85	4.88	100	
442	Talc	4.88	100	
216	Hydrated Lime	0.15	3.0	
417	Sodium Citrate (98%-100M)	0.07	1.5	
332	Potassium Sulfate (98%-100M)	0.05	1.0	
453	Preservative	0.10	2.0	
166	Hamaco 277	0.73	15	
330	Polyvinyl Alcohol	0.73	15	
245	Cellosize QP-4400-H	0.39	8	
454	Defoamer PD-1	0.15	3	
076	Calcined Gypsum	34.17	700	
	TOTAL	100.00	2048.5	

MANUFACTURING INSTRUCTIONS:

1. A thorough clean-out with whiting must be made before and after each production run.
2. Start batch with 800 lbs. of calcined gypsum. Add small quantity items. Follow with balance of 700 lbs. of calcined gypsum as a wash.
3. Wall Texture or Joint Compounds are to be run immediately after a run of this product.
4. Mixing time shall be 8 minutes minimum and 12 minutes maximum.

PRODUCT BULLETIN DRYWALL ACCESSORY PRODUCTS	FAST SET (NON-ASBESTOS)	BULLETIN NO: J-6308-A DATE: 7-10-75 PAGE: 2 of 2
APPROVALS <i>[Signature]</i>	PRODUCING PLANT: DELANCO	CONCEDES: New DATE:
<u>QUALITY CONTROL:</u>		
<u>Test Method</u>		
TM-1	Viscosity, 150 gm cylinder @ 5 sec. 200 gms to 150 cc water	38 - 40
	Viscosity, Brookfield 200 gms to 150 cc water	188,000 - 220,000 cps
TM-3	Bond @ 70°F and 40°F 50% RH	9 - 10
TM-7	Workability	Equal to Standard
TM-27	Vicat Set Time, 11 gm needle (minutes) 300 gm needle (minutes)	60 - 75 75 - 90
<u>SPECIFICATIONS:</u>		
TM-1	Viscosity, 150 gm cylinder @ 5 sec. 200 gms to 150 cc water	38 - 40
TM-1A	Viscosity, Brookfield 200 gms to 150 cc water	188,000 - 220,000 cps
TM-27	Vicat Set (a) Fast Set (minutes) 11 gm needle 300 gm needle	60 - 75 75 - 90
TM-3	Tape Bond @ 70°F @ 40-70% RH @ 40°F @ 50-90% RH	9 - 10 9 - 10
TM-4	Slope Bond @ 110°F	Excellent
TM-9	Cup Shrinkage @ 70°F @ the set @ 110°F (dry)	2% maximum 6% maximum
TM-10	Edge Cracking @ 110°F (normal test)	None
TM-14	Voids	Equal to Standard
TM-15	Mixing	Equal to Standard (no lumps or dry agglomerates)
TM-21	Reaction to Iodine	Blue
TM-26	Paste Density (gms/cc)	1.40 - 1.50

PRODUCT BULLETIN
DRYWALL ACCESSORY
PRODUCTS

PREMIX TOPPING
COMPOUND
(NON-ASBESTOS)

BULLETIN NO: J-6808
DATE: 9/16/75
PAGE: 1 of 2

APPROVALS: *BBK* *J. J.*

PRODUCING PLANT:
DELANCO

CANCELS: J-6808
DATE: 6/2/75

BULLETIN	DESCRIPTION	%	POUNDS	GALLONS
220	Limestone - MW 325 Whiting	59.61	3900	
489	Wollastonite P-1	3.06	200	
442	Talc	2.29	150	
086	Celite 434	1.53	100	
052	Min-U-Gel FG	0.15	10	
245	Methocel 228	0.24	16	
330	Polyvinyl Alcohol	0.23	15	
453	Preservative - DOWICIL 75	0.09	6	
470	PVAc Emulsion (4.30% on solids)	5.07	332	36
284	Oleic Acid	0.37	24	
450	Triethanolamine	0.18	12	
457	Nopco NXZ (defoamer)	0.28	18	
267	Odorless Mineral Spirits	0.76	50	8
	Water - start	23.54	1541	185
	Water - adjust to std. viscosity	2.60	167	20
	TOTAL	100.00	6541	

MANUFACTURING INSTRUCTIONS:

1. See Process Bulletin J-2.
2. Dry blend all powder materials 8 minutes.
3. For summer conditions add 8 gallons Ethylene Glycol per batch and increase Methocel to 20 lbs. per batch.
4. Blank out asbestos warning.

QUALITY CONTROL:

TM-1 Viscosity, Vicat, 150 gm cyl @ 5 sec.
TM-1A Viscosity, Brookfield, cps.
TM-6 Application
TM-7 Workability

16 - 19 mm
210,000-250,000
No lumps
Equal to Standard

PRODUCT BULLETIN
DRYWALL ACCESSORY
PRODUCTS

PREMIX TOPPING
COMPOUND
(NON-ASBESTOS)

BULLETIN NO: J-6808
DATE: 6-19-75
PAGE: 2 of 2

APPROVALS:

Best SWP [Signature]

PRODUCING PLANT:
DELANCO

CANCELS: J-6808
DATE: 6-2-75

PRODUCT SPECIFICATIONS:

Test Method

TM-1A	Viscosity, Brookfield, cps, at mixer	210,000 - 250,000
	Viscosity, Brookfield, cps, in package after 48 hours	275,000 - 325,000
TM-2	pH (Beckman meter)	8.0 to 9.0
TM-5	Open Time @ 65-80°F (minutes)	15 minimum
TM-7	Workability (hand or Ames tools)	Equal to Standard
TM-9	Shrinkage (cup method)	20% maximum
TM-14	Voids	Equal to Standard
TM-18	Water Resistance (minutes)	3 minimum
TM-34	Hardness @ 48°F	8-14 strokes. No chalking.
TM-39	Paintability Test	Equal to Standard
TM-12	Grit (total)	0.05% maximum All passing 80 mesh

PRODUCT BULLETIN DRYWALL ACCESSORY PRODUCTS		PREMIX JOINT COMPOUND DUAL-PURPOSE (NON-ASBESTOS)	BULLETIN NO: J-6908 DATE: 11/11/75 PAGE: 1 of 2	
APPROVALS: <i>Bob JLP</i>		PRODUCING PLANT: DELANCO	CANCELS: J-6908 DATE: 8/26/75	
BULLETIN	DESCRIPTION	%	POUNDS	GALLONS
220	Limestone - MW325 Whiting	38.20	2400	
489	Wollastonite	3.18	200	
251	Mica AMC	4.78	300	
247	Mica AA	4.78	300	
052	Attapulugus Clay	3.18	200	
442	Talc	2.39	150	
245	Methocel	0.16	10	
245	Cellosize QP-4400-H	0.16	10	
200	Keltose	0.12	8	
453	Preservative - Dowicil 75	0.12	8	
470	PVAc Emulsion (6.08% on solids)	6.18	389	42
457	Nopco NXZ (defoamer)	0.28	18	
	Water - start	33.16	2083	250
	Water - adjust to std. viscosity	3.31	208	25 max.
	TOTAL	100.00	6284	

MANUFACTURING INSTRUCTIONS:

1. See Process Bulletin J-2.
2. Dry blend all powder materials 8 minutes.
3. For PMG add 3 lbs. Yellow Oxide, RM-J-190, per batch.
4. For Summer conditions add 8 gallons Ethylene Glycol per batch.
5. Mix all materials until paste is smooth and lump free. Stop mixer for 5 minutes, remix adding water to meet viscosity spec.

QUALITY CONTROL:

TM-1	Viscosity, Brookfield, cps	320,000-360,000
TM-3	Tape Bond	9 - 10
TM-6	Application	No lumps
TM-7	Workability	Equal to Standard