FILE NAME: Johns-Manville (JMA)

DATE: 1972-1977

DOC#: JMA029

DOCUMENT DESCRIPTION: Asbestos Containing Products

ASBESTOS CONTAINING PRODUCTS, 1972

JM
Johns-Manville

PRODUCT
INFORMATION
CENTER

Ken-Caryl Ranch
Denver, Colorado 80217
(303) 979-1000 Ext. 4636

Date 6-15-78

To: D. L. Monroe 2-14

Re: Asbestos containing products

☐ Attached has been received at the Product Information Center and is forwarded for your handling.

☑ Attached per your request.

☐ Attached for your general information.

☐

Loretta Ferguson

September 15, 1972

PIPE DIVISION

ASBESTOS-CONTAINING PRODUCTS

TRANSITE (Asbestos-Cement Pipe)
for the following uses:

Transite	Ring-Tite Water Pipe
"	Sewer Pipe
"	Building Sewer Pipe
"	Telephone Duct
"	Electrical Conduit
"	Korduct
"	Air/Vent Duct
"	Industrial Vent
"	Irrigation Pipe
"	Storm Drain
"	Temp-Tite Pipe
"	Super Temp-Tite Pipe
"	Epoxy Lined Pipe
"	Chemtite Condensate Pipe
"	Underdrain Pipe
"	Pipe Fittings
"	On-Farm Irrigation Pipe
"	Well Casing Pipe
"	"T" Pipe (Agricultural Irrigation)

A+EP

HQ, Denver
A & EP Division
September 21, 1972

E. M. Fenner, 4N

cc: E. C. Truax
W. B. Reitze, 1S

ASBESTOS CONTAINING PRODUCTS
Re: Your letter dated September 11, 1972

In compliance with your subject letter, following is an up-to-date list of our Division's products containing asbestos fiber:

Armor-On
Asbestile Cement
Asbestoboard
Asbestogard Felt
Asbestos Base Felt
Asbestos Base Flashing
Asbestos Cement Molded Products
Asbestos Ebony
Asbestos Felt
Asbestos Finishing Felt
#15 Asbestos Pipe Line Felt
Asbestos Waterproofing Felt
#50 Asbestos Waterproofing Felt
Asph. Bridge Plank
Black Cap Duplex
Bulk Heads
Caulking Putty
Cements - Duplex
Shingle Tab
Aqua Patch
Laptites
Centurian Felt
Chemstone
Cold Application Felt
Colorceran
Colorceran Sheets
Colorlith
Colorlith Chalkboard
Corrugated Sheet
Dekeran
Double Coated Flexstone
Dura Tred
Electrobestos
Fibrated Alum. Roof Coating
Fibrated Topgard B
Fibrated Topgard F
Flat Transite
Flexboard
Flextone #80
GAF Corrugated Asbestos Sheet
Gold Line Asbestos Cement
Industrial Roof Cement
Kolor-Kap Duplex
Marine Veneer
Ohmstone
Permatone S
Quadro
Splitwood
Stonehenge
Thermocore
Thermostone
Transifoam
Transite Acoustics
Transhield

Transite Panels
Transitop Panels
Twin - 20 Asb. Finishing Felt
Venetia
Ventsulation Felt

C. L. Antonson

CLA:kkm

Celite

Lompoc Plant
Sept. 18, 1972

E. M. Fenner

ASBESTOS CONTAINING PRODUCTS
YOUR LETTER OF SEPT. 11

The following products, produced at Lompoc, contain asbestos:

Fibra-Flo 7½% asbestos - beer filtration

Precoat Sorbo-Cel

Diaseal-M

G. G. Schuknecht

cc:
File

ATTACHMENT
Page 1

EPD

CONSTRUCTION PRODUCTS

INSULKOTE
AERTITE Coating
352 Asbestos Cement
FIRETARD
Asbestos Millboard
Asbestos ROLLBOARD
CEILINITE
Marine Veneer
Asbestos Paper
FIBROID Asbestos Paper
MICROBESTOS Asbestos Paper
DUBLEX Asbestos Paper
Asbestos Roll Firefelt
~~MARINITE 23, 30, 65~~
MARIMET
Molten Metal MARINITE
MAL-LITE
LEEFERITE
TRANSITE Core Plate
Sealing Compounds
THERMOBESTOS
~~THERMOBESTOS METAL-ON~~
TOASTERBOARD
PLASTISEAL "F" Cement

~~QUINONGO~~
~~QUINORGOBORD~~
~~QUINTFIRA~~
~~QUINTEX~~
~~Fuel Cell Paper~~
~~Fuel Cell Board~~
TV Bord
FIREITE Furnace Cement
Heat Treating Cement
DEKERAN
Marine Acoustical Unit
Flexible MIN-K Blankets
Molded MIN-K
SONITE
~~ALBASEAL~~
DUXSEAL
~~UNISEAL~~
Industrial Vent Caulking Compound
~~NODRSEAL~~
BRANCHITE
~~VOLSEAL~~
~~NAVASEAL~~
Asbestos Turbine Blankets
~~QUINTERNADORO~~

ATTACHMENT
Page 2

IPD

INDUSTRIAL PRODUCTS

Asbestos Braided Packing
Asbestos Plaited Packing
Asbestos Rod Packing
Asbestos Sheet Packing
Asbestos Cloth
Asbestos Cord
Asbestos Listing
Asbestos Fabric
Asbestos Rope
Asbestos Wick
Asbestos Tubing
Asbestos Yarns
Asbestos Textile Adhesive
Asbestos Tape
ASTAPE
ASTUBE
Rubber Cloth
Cable Wrapping Tape
CELESTICA Cable Wrapping Tape
Pressed Asbestos Sheet
Mat Gaskets
Jointing Tape
GRAFOIL Packing
GARLOCK Packing
GYLON Packing
GARLOCKLENE Packing
GARLOCRITE
GRAM Packing
Service Sheet
SUPERHEAT Packing
TADPOLE Packing
TANKSEAL
THERMOCORE Packing
THERMO-PAC Rope
UNIVERSAL Packing
Expansion Joints
EEL Slip
STEVENSON Coupling
CHEMPAC
ASBESTAN
CONEPAC
SEA Rings
V-Rings
SPIROTALLIC Gasket Fillers
HELI-WRAP
BESTO-TAK
UNIEPAC
CLIPPER Oil Seals
Molded Packing Cups
Clutch Facings
Brake Linings
Brake Blocks
Disc Brake Pads
COBRA Brake Blocks
Custom Asbestos Parts (CAP)

Res. Prods.

[illegible], Denver
October 16, 1972

[illegible] E. H. Fenner - 4N

ASBESTOS CONTAINING PRODUCTS
Your Letters of 9/11/72 and 10-9/72

Following is an updated listing of our Division's products which contain asbestos fiber:

Corrugated Transite
Standard Flexboard - 1/8", 3/16", 1/4", 3/8", and 1/2" thickness
Splitwood Feature Panels
Asbestoboard - 3/16", 1/4", 3/8", and 1/2" thickness
Transitop
Transifoam
Thermocore
Thermostone
Asbestos Fibrous Roof & Foundation Coating
Black Plastic Cement
Caulking Putty
Roof Putty
Duplex Cement
Shingle Tab Cement
Aquapatch
Fibrated Aluminum Roof Coating
Fibrated Topguard Type F
Asbestile Cement
Cold Application Cement
Industrial Roof Cement
Perforated Asbestos Finishing Felt
Gold Line Asbestos Felt
Twin-20 Asbestos Finishing Felt
No. 45 Asbestos Base Felt
No. 55 Asbestos Base Felt
Ventsulation Felt
Centurian Base Felt
Cold Application Asbestos Felt
Asbestos Base Flashing
No. 15 Unperforated Waterproofing Felt
No. 50 Unperforated " "
No. 80 Flexstone
Colorbestos Roofing
Asbestos Cement Siding Shingles

- Fiber Glass 325 Seal-O-Matic Shingles
- Fire Glass Seal-O-Matic Shingles
- Fire King " " " "
- Rampart " " " "

Black-Kap Duplex Roofing
Kolor-Kap " "
Dura-Tred Planks
Asphalt Bridge Plank
Commercial Asbestos Felts

- Less than 1% asbestos - experimenting with asbestos fiber substitution.

J. B. Bjorkman
Residential Products Division

JBB:cn

cc: N. J. Gray
File 411.00
Chrono.

CANADIAN PRODUCTS

ASBESTOS-CONTAINING PRODUCTS

ASBESTOCIDE
BRAKE LININGS
DURABESTOS
FIRETARD
J-M NO. "61"
WEATHER-SHIELD WALL SYSTEMS
PIPE, ASBESTOS-CEMENT
THERMOBESTOS
TRANSCOUSTIC
SUPERFLEX
ASBESTOS CLOTH
ASBESTOS LAPS
ASBESTOS YARNS
ASBESTOS TAPES & LISTINGS
ASBESTOS CORD
ASBESTOS ROPE
ASBESTOS WICK
DISC BRAKE PADS
BRAKE BLOCKS
WOVEN BRAKE LININGS IN COILS
DUXSEAL
UNISEAL
ASBESTOS PAPER & MILLBOARD
450 CEMENT
301 CEMENT
257 CEMENT
302 CEMENT
INSULKOTE
NO. 15 ASBESTOS FELT
GAF STRATALITE SIDING
GAF DURA-COLOR SIDING
GAF 4.2 CORRUGATED

4/3/78
P.J.C.

Asbestos-containing products:

TR-716 — Transite Pipe
TRX-1 — " Ring-Tite Pressure Pipe
TRX-26 — " Pressure Pipe for Free Main
TRX-36 — " Non-Pressure Sewer Pipe
TRX-7 — " Small Diameter Sewer Pipe
TRX-4 — " Storm Drain Pipe
TRX-28 — " Electrical Ducts
TRX-30 — " Telephone Ducts
CH-27A — Thermopipe Line:
Lyon Temp-Tite
Temp-Tite
FG-415 — Transite Air/Vent Duct + Fittings
FG-411 — " Gas/Vent Pipe

BSD-31A - Flat Transite
BSD-36A - Flexboard - Ind. Use.
BSD-44A - " Homes
IN-229 - Asbestos Ebony + Ohmstone
IAC-83A - Electrobestos

BSD-24A — Colorlith / Colorcrest
BSD-54A — Permatone & Flexboard
BSD-24A - Architectural Panels (all)
BSD-49A — Laminated Panels
BU-137A — Asphalt Bridge Plank
A-BU-272 - Centurian
None — Coated Asbestos Base Felt
BU-317A — Asbestos Finishing Felt
None — Reinforced Base Flashing
" — Glas Kap Mineral Surface Cap Sheet
BU-174 — Ventilation
None — Cold Application Felt
" — Laccial Coated Asbestos Base Felt

None	–	Cold Application Felt
BU-233	–	Blue Chip Asbestos Finishing Felt
BU-181		Asbestogard Felt
None	–	Flexstone Cap Sheet
BU-152	–	Asbestile Flashings
BU-296	–	Asbestile Cement
BU-287	–	Asbestogard Adhesive
BU-288	–	Fibrated Aluminum Roof Coating
BU-282	–	Industrial Roof Cement
BU-286	–	Cold Application Cement
BU-284	–	Topgard Type B
BU-285	–	" Type F
BU-275	–	Built-up Roofing Manual
IND-3156	–	Molten Metal Marinite
IND-3166		" " " + Marine Control of Duct
IND-3154	–	Transite Core Plates
IND-3112	–	Marinet #5 Heat Treated
IND-3062	–	Millboard Sheet
IND-3015	–	Asbestos Paper + Rollboard
IND-3076	–	Weather Protective Coatings
IND-3120	–	Fibrous Adhesive + Laptite
IND-41	–	Marine Veneer
TX-6A	–	No. 55 Cable Fireproofing Tape
None	–	Asbestica Tape (Same as No. 55 except for impregnant)
PK-132	–	Gasketing Materials
PK-328	–	Chopper Oil Seals
PK-401	–	Mechanical Packings, Tapes + Tapes
PK-407	–	Duxseal
PK-419	–	Expansion Joints
PK-422	–	Personnel Protector Sleeve
PK-420	–	Sadpole Tapes
None	–	Cobra Products
None	–	Aluminized Asbestos Cloth

Johns-Manville

Internal Correspondence

To: W. Reitze, R. Carter, E. Fenner, G. Wright, M.D., W. Cooper, N. Amarino, 1-02

Date: March 25, 1977

From: Paul Kotin, M.D.

Copies: File

Subject: ASBESTOS END USES

The meeting on asbestos end uses has been set for Friday, April 1st, at 2 P.M. in my office.

meeting c N. Harris

PK/plf

PRINTED
J-M 83

ASBESTOS END USE ANALYSIS

USE	RAW MATERIALS AND BINDERS	AREAS OF POTENTIAL PROBLEMS FROM ENVIRONMENTALIST, GOV'T, UNIONS	SOLUTIONS AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Asbestos Cement Pipe	Asbestos Silica Sand- Portland Cement (Binder)	Cutting and maching in field using abrasive wheels can generate dust	Educate contractors and workers on use of proper tools and procedures. Supply tools if necessary. Pipe Producers have already done this and supply instruction manuals. Continue sales of fiber to this market.
Asbestos Felts for Built-up Roofing	Asbestos Organic Fibers - Fiberglass Starch. Finished product saturated with asphalt or tar	Dust counts indicate exposures are below .02 fibers/cc. No problem exists.	Continue fiber sales to this market.
Asbestos Felts For Pipeline Wrap	Same as above	Same	Continue sale to this market.
Sheet Goods Flooring	Asbestos Latex Binder. PVC wear layer	During replacement some contractors may attempt to sand off sections of backing that stick to floor.	Manufacturers of product supply distributors and contractors with instructions for proper removal. Also supply solvents or stripper to aid in removal of backing. Continue to sell fibe to this market.

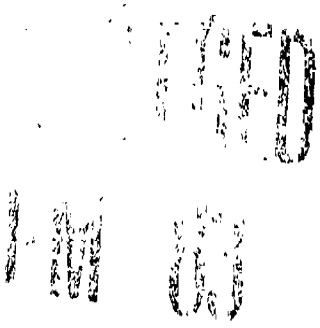
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J-M 03

USE	RAW MATERIALS & BINDERS	AREAS OF POTENTIAL PROBLEMS & CRITICISM FROM ENVIRONMENTALIST GOV't, AND UNIONS	SOLUTION AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Gasketing	Asbestos Rubber or Latex Binder	Some criticism and concern versed over cutting operations in fabricating shops	With high binder content there should not be a problem but AFD will check with manufacturers to determine if dust count data has been developed and if recommended cutting and fabricating procedures have been developed. CONTINUE SALES TO THIS MARKET
Friction Materials	Asbestos Friction Particles - Phenolic Resin Binder	Dust is generalged during the replacement of linings in dealers and garages.	Major automotive manufacturers provide dealers with instructions to vacumn dust from drums and brake assemblies. FMSI including procedures in their manual. G-M working on method to spray dust with liquid. CONTINUE SALES TO THIS MARKET
Asphalt Coatings	Asbestos - Aluminum Paste - Asphalt Binder	Fibers are mixed with asphalt cutback or emulsion. Fiber is coated with asphalt and cannot be released. Product is not exposed to cutting or abrasive action.	CONTINUE SALES TO THIS MARKET
Automobile underbody coatings & sound deadeners	Asbestos Clay Calcium carbonate	Same as above	CONTINUE SALES TO THIS MARKET

Caulks, Sealants and Adhesives	Raw Materials and Binders	Areas of Potential Problems and Criticism From Environmentalists Gov't, and Unions	Solution And Proposed Actions By J-M & Industry
Plastics	Asbestos Fillers Resins	Grinding and Cutting can generate dust	Most operations are stationary and dust can be controlled with currently available equipment. AFD to contact manufacturer and assist in supplying information Continue to Sell to This Market
Paving	Asbestos Sand Stone	Emotional problem exists due to concern about wear of asbestos containing pavements polluting general environment	Discontinue sales to this market
Drilling Muds	Asbestos	Fiber is introduced into slurry and used in wet form dust problems did exist with dry fiber but solved with development of wet flake dorm.	Wet flake can be dumped from bag into mud hopper with no significant dust generation. J-M should promote "Action Level" concept with OSHA. Continue to Sell to This Market

PRODUCED
JM 83

USE	RAW MATERIALS & BINDER	AREAS OF POTENTIAL CONCERN AND CRITICISM BY ENVIRONMENTALISTS GOV't, AND UNIONS	SOLUTION AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Specialty Paper	Asbestos and starch or latex binder	Dust can be generated during cutting if starch binder used.	End users are usually large companies having dust control equipment. Final product is saturated or impregnated so that dust cannot be generated. CONTINUE SALES TO THIS MARKET
Commercial Paper	Asbestos Starch Binder	Dust can be generated during cutting	SPR being written to develop dust suppressed paper using latex or other suppressants. CONTINUE SALES TO AREAS ONLY SHERE DUST SUPPRESSED PRODUCTS ARE MANUFACTURED
Asbestos Textiles	Asbestos	Dust can be generated in cutting and fabricating	Many products are dust suppressed. Where dust suppressed products are not produced discontinue sales
Dry Wall Joint Cements	Asbestos calcium carbonate casein or vinly binder	Dust is generated during sanding although OSHA data shows dust levels to be well below 2 fibers/cc	Industry has decided to remove asbestos rather than fight. We have discontinued domestic sales to this market.



Caulks, Sealants and Adhesives	Raw Materials and Binders	Areas of Potential Problems and Criticism From Environmentalists Gov't, and Unions	Solution And Proposed Actions By J-M & Industry
Caulks, Sealants, and Adhesives	Asbestos Fillers Binders may be latex, asphalt, vinyl, casein, or low volatile oils.	Product is not exposed to cutting or abrasive action and binders coat fibers and lock them in.	Continue Sales to This Market
Vinyl Asbestos Floor Tile	Asbestos Calcium Carbonate $T.0_2$ PVC Resin Binder	Dust could be generated during sanding and replacement dust counts taken show level below .05 fibers/cc	AFD will check with manufacturers to see if instructions for removal, discourage sanding if n we will work to have them added. Continue Sales to This Market
Chlorine Cell Diaphragms	Asbestos	Fiber is added to brine solution and diaphragm is drawn and used in submerged state. No dust problems during usage. No fiber contaminates chlorine.	Continue Sales to This Market
Asbestos Cement Sheets	Asbestos Silica Sand Portland Cement Binder	EEH dust counts shown exposures for cutting punching and nailing shingles to be below .015 fibers/cc. Field cutting of A/C sheets can generate dust.	Industry is working to develop equipment and procedures to control dust. AFD to work with manufacturers to develop tools and procedures and suppl information from European Manufacturers.

J-M 03

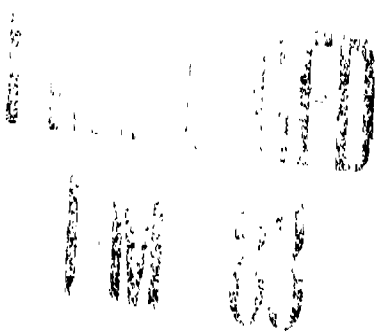
USE	RAW MATERIALS AND BINDER	AREAS OF POTENTIAL CONCERN AND CRITICISM BY ENVIRONMENTALIST GOV't AND UNIONS	SOLUTION AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Insulation	Asbestos	Cutting and removal generates excessive amounts of dust.	AFD has discontinued all sales to this market, and will further police distribution sales
Distributor and resale		Potential dust problems from misuse in inknown areas	AFD will review policy with each distributor and get signed statement that distributor agrees to abide by policy.
Filters and Filter Aids	Asbestos Other Minerals or Fibers	Concern about contamination of materials that may be ingested such as wine or drugs filtered through asbestos containing filters makes this application a problem with FDA as well as other government agencies.	Discontinue sales to this market

ASBESTOS END USE ANALYSIS

USE	RAW MATERIALS AND BINDERS	AREAS OF POTENTIAL PROBLEMS FROM ENVIRONMENTALIST, GOV'T, UNIONS	SOLUTIONS AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Asbestos Cement Pipe	Asbestos Silica Sand- Portland Cement (Binder)	Cutting and maching in field using abrasive wheels can generate dust	Educate contractors and workers on use of proper tools and procedures. Supply tools if necessary. Pipe Producers have already done this and supply instruction manuals. Continu sales of fiber to this market.
Asbestos Felts for Built-up Roofing	Asbestos Organic Fibers - Fiberglass Starch. Finished product saturated with asphalt or tar	Dust counts indicate exposures are below .02 fibers/cc. No problem exists.	Continue fiber sales to this market.
Asbestos Felts For Pipeline Wrap	Same as above	Same	Continue sale to thi market.
Sheet Goods Flooring	Asbestos Latex Binder. PVC wear layer	During replacement some contractors may attempt to sand off sections of backing that stick to floor.	Manufacturers of product supply distributors and contractors with instructions fo proper removal. Als supply solvents or stripper to aid in removal of backing. Continue to sell fib to this market.

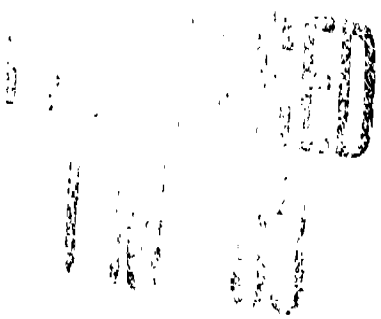
USE	RAW MATERIALS & BINDERS	AREAS OF POTENTIAL PROBLEMS & CRITICISM FROM ENVIRONMENTALIST GOV't, AND UNIONS	SOLUTION AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Gasketing	Asbestos Rubber or Latex Binder	Some criticism and concern versed over cutting operations in fabricating shops	With high binder content there should not be a problem but AFD will check with manufacturers to determine if dust count data has been developed and if recommended cutting and fabricating procedures have been developed. CONTINUE SALES TO THIS MARKET
Friction Materials	Asbestos Friction Particles - Phenolic Resin Binder	Dust is generalged during the replacement of linings in dealers and garages.	Major automotive manufacturers provide dealers with instructions to vacumn dust from drums and brake assemblies. FMSI including procedures in their manual. G-M working on method to spray dust with liquid. CONTINUE SALES TO THIS MARKET
Asphalt Coatings	Asbestos - Aluminum Paste - Asphalt Binder	Fibers are mixed with asphalt cutback or emulsion. Fiber is coated with asphalt and cannot be released. Product is not exposed to cutting or abrasive action.	CONTINUE SALES TO THIS MARKET
Automobile underbody coatings & sound deadeners	Asbestos Clay Calcium carbonate	Same as above	CONTINUE SALES TO THIS MARKET

Caulks, Sealants and Adhesives	Raw Materials and Binders	Areas of Potential Problems and Criticism From Environmentalists Gov't, and Unions	Solution And Proposed Actions By J-M & Industry
Plastics	Asbestos Fillers Resins	Grinding and Cutting can generate dust	Most operations are stationary and dust can be controlled with currently available equipment. AFD to contact manufacturer and assist in supplying information Continue to Sell to This Market
Paving	Asbestos Sand Stone	Emotional problem exists due to concern about wear of asbestos containing pavements polluting general environment	Discontinue sales to this market
Drilling Muds	Asbestos	Fiber is introduced into slurry and used in wet form dust problems did exist with dry fiber but solved with development of wet flake dorm.	Wet flake can be dumped from bag into mud hopper with no significant dust generation. J-M should promote "Action Level" concept with OSHA. Continue to Sell to This Market



USE	RAW MATERIALS & BINDER	AREAS OF POTENTIAL CONCERN AND CRITICISM BY ENVIRONMENTALISTS GOV't, AND UNIONS	SOLUTION AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Specialty Paper	Asbestos and starch or latex binder	Dust can be generated during cutting if starch binder used.	End users are usually large companies having dust control equipment. Final product is saturated or impregnated so that dust cannot be generated. CONTINUE SALES TO THIS MARKET
Commercial Paper	Asbestos Starch Binder	Dust can be generated during cutting	SPR being written to develop dust suppressed paper using latex or other suppressants. CONTINUE SALES TO AREAS ONLY SHERE DUST SUPPRESSED PRODUCTS ARE MANUFACTURED
Asbestos Textiles	Asbestos	Dust can be generated in cutting and fabricating	Many products are dust suppressed. Where dust suppressed products are not produced discontinue sales
Dry Wall Joint Cements	Asbestos calcium carbonate casein or vinly binder	Dust is generated during sanding although OSHA data shows dust levels to be well below 2 fibers/cc	Industry has decided to remove asbestos rather than fight. We have discontinued comestic sales to this market.

Caulks, Sealants and Adhesives	Raw Materials and Binders	Areas of Potential Problems and Criticism From Environmentalists Gov't, and Unions	Solution And Proposed Actions By J-M & Industry
Caulks, Sealants, and Adhesives	Asbestos Fillers Binders may be latex, asphalt, vinyl, casein, or low volatile oils.	Product is not exposed to cutting or abrasive action and binders coat fibers and lock them in.	Continue Sales to This Market
Vinyl Asbestos Floor Tile	Asbestos Calcium Carbonate $T.0_2$ PVC Resin Binder	Dust could be generated during sanding and replacement dust counts taken show level below .05 fibers/cc	AFD will check with manufacturers to see if instructions for removal, discourage sanding if nc we will work to have them added. Continue Sales to This Market
Chlorine Cell Diaphragms	Asbestos	Fiber is added to brine solution and diaphragm is drawn and used in submerged state. No dust problems during usage. No fiber contaminates chlorine.	Continue Sales to This Market
Asbestos Cement Sheets	Asbestos Silica Sand Portland Cement Binder	EEH dust counts shown exposures for cutting punching and nailing shingles to be below .015 fibers/cc. Field cutting of A/C sheets can generate dust.	Industry is working to develop equipment and procedures to control dust. AFD to work with manufacturers to develop tools and procedures and supply information from European Manufacturers.



USE	RAW MATERIALS AND BINDER	AREAS OF POTENTIAL CONCERN AND CRITICISM BY ENVIRONMENTALIST GOV't AND UNIONS	SOLUTION AND PROPOSED ACTIONS BY J-M AND INDUSTRY
Insulation	Asbestos	Cutting and removal generates excessive amounts of dust.	AFD has discontinued all sales to this market, and will further police distribution sales
Distributor and resale		Potential dust problems from misuse in inknown areas	AFD will review policy with each distributor and get signed statement that distributor agrees to abide by policy.
Filters and Filter Aids	Asbestos Other Minerals or Fibers	Concern about contamination of materials that may be ingested such as wine or drugs filtered through asbestos containing filters makes this application a problem with FDA as well as other government agencies.	Discontinue sales to this market