

CHEMICALS



INTEROFFICE / LAKE CHARLES

TO J. R. Farst
FROM Frank C. Ludden

DATE June 15, 1979
SUBJECT For Your Approval

RECEIVED

JUN 20 1979

LAKE CHARLES

The attached is a proposed article by Dr. Lovejoy for plant publication in "SCOOP".

dl

This article was a "hand" to me - I feel we should be deciding on what we want to put in the plant publication, i.e. rather than dwelling on domestic threats. I don't think it is a surprise if we can avoid the way that I feel we can present the info in a more positive tone.

JF

PLAINTIFF'S
EXHIBIT
WV-11127

PLAINTIFF'S
EXHIBIT

928060

SJ 05139

WV-11127

Asbestos is a material that requires care in its use. Though we no longer use asbestos in insulation, it may be on some old insulation. We do use asbestos in our diaphragm chlorine operation.

If asbestos is not handled with care and people breathe the fibers in too large amounts, it can cause medical problems. Asbestos is known to cause two major types of diseases. The first, called "asbestosis", is caused by inhaling too many of the fibers of a certain size which the body cannot get rid of. If a quantity of these fibers are taken into the lungs, they wall off and cause a thickening or scarring of the membrane between the air sacs. This leads to symptoms of cough and shortness of breath because the transport of oxygen across the scarred membrane is more difficult. The second disease that can be caused by excessive asbestos is cancer and there are several forms. Bronch/ogenic (bronchial) cancer has occurred in people who worked in an asbestos contaminated atmosphere and who smoke. Those who don't smoke have not had this form of cancer at any greater rate than the general public, even though they worked for long periods in asbestos. Another form of cancer is mesothelioma which is a cancer of the covering of the lung (pleura). This cancer is very rare. Workers in heavy asbestos atmospheres do show an increased incidence of stomach, colon and rectum cancer.

Asbestosis, once developed, does not have any effective treatment. Bronchiogenic cancer can be cured by surgery if caught early enough.

The control of asbestos and the proper use of masks in our plant will eliminate the possibility of asbestos related illness. I strongly recommend the employee who smokes make every effort to stop for the benefit of their health. There is no question about the danger of tobacco.

Remember, however, that it takes some 15 to 30 years after exposure to asbestos for a cancer to appear. Asbestos has been used as insulation in schools, offices and other buildings as late as 1967. The fibers that one

breathes come from old disintegrating insulation and from sources such as automobile brake linings. When old insulation is removed, respiratory protection should be used and a respirator should be used when relining automobile brakes.

Apparently some hair dryers, as they age, are capable of giving off asbestos fibers. I have not seen any official pronouncement and, therefore, do not know which brands might show this problem.



PPG INDUSTRIES, INC. CHEMICAL DIVISION - U.S. P. O. BOX 1000 LAKE CHARLES, LA. 70602

FRANK C. LUDDEN
Employee Relations Director

June 8, 1979

H. B. Lovejoy, M.D.
Vernon Manor Hotel
400 Oak Street
Cincinnati, OH 45219

Hal,

In reviewing your article on asbestos for "SCOOP", I felt that it might scare some employees and suggest another approach. If the way I have altered your note is not medically true, I obviously don't want it said.

Please review this and give me your opinion and make changes as you feel best.

Sincerely,

A handwritten signature in dark ink, appearing to be 'Frank C. Ludden', written over a horizontal line.

Frank C. Ludden

.dl

Attachment

SJ 05142

Asbestos is a material that requires care in its use. Though we no longer use asbestos in insulation, it may be on some old insulation. We do use asbestos in our diaphragm chlorine operation.

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breathes come from old disintegrating insulation and from sources such as automobile brake linings. When old insulation is removed, respiratory protection should be used and a respirator should be used when relining automobile brakes.

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SJ 05144

Dr. Lovejoy received a request from an employee who had been exposed to asbestos caused by asbestos. The following is Dr. Lovejoy's response:

Asbestos is known to cause two major types of diseases. The first, called asbestosis is caused by breathing the fibers of a certain size which the body is unable to get rid of. Therefore, it walls the fibers off and causes a thickening or scarring of the membranes between the air sacs. This leads to symptoms of cough and shortness of breath because the transport of oxygen across the scarred membrane is more difficult. The second disease is cancer, and there are several forms that may occur. Bronchiogenic (bronchial) cancer is some 20 to 30 times more frequent in asbestos workers that smoke than in those who don't. In asbestos workers that don't smoke, the incidence is the same as the general population. Another form of cancer is a mesothelioma, which is a cancer of the covering of the lung (pleura). Here the incidence of smokers and nonsmokers is the same. These cancers are rare. Again, the symptoms are cough and shortness of breath. An increased incidence of cancer of the stomach, colon and rectum has been reported in asbestos workers. There have been no known cases of asbestos-associated disease due to asbestos exposure at PPG.

There is no treatment for asbestosis. The bronchiogenic cancers can be cured by surgical removal only if caught early enough.

Remember, however, that it takes some 15 to 30 years after exposure for a cancer to appear. Asbestos has been used as insulation in schools, office and other buildings as late as 1967. The fibers that one breathes come from old disintegrating insulation and from sources such as automobile brake linings. When old insulation is removed, respiratory protection should be used and a respirator should be used when relining automobile brakes.

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THE FLEA MARKET

SJ 05145

For Sale: 1971 Chevrolet Caprice, excellent condition. Call 625-4100.

Will trade one gold refrigerator for camper for long wheel base pickup truck. Call 436-2546 or 436-1914.

For Sale: 1971 GMC 1 ton cab & chassis, new motor, \$1300. Call 477-6549.

For Sale: Green Schwinn Manta Ray bike, \$50. Call Doc at 477-3387.

Cool indoor fun--Join a short summer bowling league. Teams needed for Wednesday nights. Call Larry Hartnett at 582-6420.

Wanted: Farmall Cub tractor with tools or equivalent tractor. Frank Wilkinson, 477-561

For Sale: 1975 GMC Suburban with dual A/C, new engine, AM/FM/CB, towing package, equalizer hitch. W. Forrester at 855-2285.

Garage Sale: Family moving--plants, clothing miscellaneous, 220 Laurel Street in Universal Place. Saturday only (April 28), 8 to 5.

For Sale: Coppertone washer & dryer, \$50 for both. Call 625-7020 after 6:00 pm.

For Sale: 1976 El Camino, completely loaded with A/C, power steering, automatic AM/FM, 40,000 miles, 305 V-8, 2 barrel, new tires & brakes, \$3600. See at 501 E. Claude Street.

For Sale: 1973 23'8" Scottie Craft boat, 170 Volvo engine with 270 outdrive, ship-to-shore radio, CB, shrimp platform, Cuddy cabin, 50 gallon fresh water tank, like new trailer. Call 478-1882 if interested.

For Sale: One white refrigerator, large capacity, \$50. Call Mike Clark at 433-7813.

For Sale: 1976 14' X 80' mobile home, partially furnished, 5 1/2 ton A/C, Mark IV edition, pay small equity & assume notes of \$160 a month or \$15,000. Call Mike at 478-1882.

For Sale: 10 speed 24" Huffy bike, used, fa condition, \$45. Call 477-3036.

For Sale: Extra clean 1976 GMC, V-8, power steering, auto. transmission, radio, 28,000 miles, \$3400. Call Daigle at 477-8741.

For Sale: 1974 Plymouth Gran Fury, \$5,000 & AM/FM, A/C. Call Charles Long at 433-3053.

Will buy old or new duck stamps. Call Albert Daigle at 477-1857.

For Sale: 27" 10 speed English racer, \$40. 36" 3 speed stainless steel oven hood with filter, \$35. Call 477-6779.

For Sale: 1977 Plymouth Fury, loaded, 4 new tires, 24,000 miles, \$3845. 478-4129 after 6.

For Sale: One acre south of town in restric subdivision, black top street on Corbina Rd. Call 477-3413 if interested.

For Sale: One new Yaesu Land-Liner phone patch to trade for programmable type scanner. Call 436-2546 or 436-1914.

For Sale: 1972 Chevrolet Caprice, one owner 35,000 miles, A/C, power, good running condi \$1000. Call Norris Gobert at 433-8845.

For Sale: 1975 Yamaha 650 in good condition, 12,000 miles. \$700. Call 855-6411.

For Sale: 1975 CB 360 Honda, 50 MPG, \$550. Also, 4 sheets of 3/8" plywood, AC grade, exterior glue, \$32. Call Larry Whitmire at 855-2609.