

76 QUESTIONS FOR 2001 PBS VIDEO ON MOYERS, *TRADE SECRETS*
ANSWER GUIDE

_____ List, in alphabetical order, 10 different companies that (the video showed) were guilty of covering up the serious risks of vinyl chloride over as much as 50 years (do not include the Chemical Manufacturers' Association of America, as it is not a single company).

_____ Name of location of the largest collection of petroleum facilities and refineries in the world

_____ Name of man, 43 years old, dying from toxic neuropathy, who worked for 16 years with vinyl chloride

_____ Name of man who was diagnosed with brain cancer in 1989 after working with vinyl chloride for 23 years

_____ Name of the medical school that is looking for chemicals in the blood; Bill Moyers' blood was tested.

_____ Gerald Markowicz and who else are historians of public health who are looking at the archives of the man above who died of brain cancer?

_____ What company told Bernard Skaggs that vinyl chloride was not harmful unless it caused him to pass out?

_____ How many ppm (parts per million) of vinyl chloride are harmful?

_____ To how many ppm of vinyl chloride must one be exposed before smelling it?

_____ Whose fingertips disintegrated from vinyl chloride?

_____ Year in which medical advisors recommended exposure of workers be limited to 50 ppm; this advice was rejected by the Chemical Manufacturers Association.

_____ Many decades ago, rats in experiments in what country were shown to get cancer at even the lowest PVC levels

_____ Dr. Le Fevre said PVC could affect what organ?

_____ Decades ago, European industry showed PVC was harmful to workers, causing many excess cancers, at allowable exposure levels. In what year did US and European companies sign a joint secrecy agreement, to cover up these dangers?

_____ In what year did NIOSH (National Institute of Occupational Safety and Health) ask the companies comprising the CMA for all information on PVCs, to which the industry responded by giving no information, yet agreeing not to lie to specific questions about PVC?

_____ By at least what year did the 20 chemical companies know they were guilty of conspiracy for the PVC coverup?

_____ In what year did the chemical industry not tell NIOSH, at its meeting with NIOSH, of the Italian studies of Dr. Maltoni, showing PVC was hazardous at all levels?

_____ In the year above, how many pounds of PVC were produced

_____ Industry studies manipulated the data to dilute effects of PVCs by including whom in their studies?

_____ Industry studies manipulated the data to dilute effects of PVCs by including only employment records and what?

_____ The industry studies had no contact with which two groups of workers?

_____ Through what were women exposed to vinyl chloride, at levels higher than on the factory floor?

_____ Using vinyl chloride as what has unlimited liability for victims? For this reason, industry stopped using it in this way.

_____ Vinyl chloride in the workplace has liability which is limited by what? The workforce was not told of the dangers or the liability limit.

_____ In 1974, 4 workers at the B F Goodrich plant, in Louisville, KY, died of what rare cancer?

_____ The leading occupational medicine expert in the country

_____ What company knew, in 1958, that benzene was very harmful but fought regulation, through the courts, because it said that reducing benzene was too costly for the company?

_____ In what year did industry know of testicular atrophy, and sperm counts of 0 in workers, but kept the benzene information secret for more than 2 decades, while workers were harmed?

_____ If benzene were regulated in the 1970s, instead of 10 years later, in the 1980s, how many worker deaths could have been saved, per 10 years of exposure?

_____ Who is the physician at Mt. Sinai Med School who gave the information above?

- _____ How much money did PACs contribute to President Reagan's Republican campaign in 1980? He was the favorite candidate of the PVC and petrochemical industries.
- _____ In what year did Reagan require abandoning regulations unless they were cost-effective according to current industry and business practices?
- _____ Dr. Meyerhoff said what chemical got more "due process" than people do, because EPA took no action to regulate it after industry said the regulation was too expensive for industry?
- _____ How many rules/regulations, under the Toxic Substances Control Act, were finalized to protect people from chemicals, in the first 5 years after the regulation was passed?
- _____ Over 25 years, under the Toxic Substances Control Act, how many chemicals have been banned, of the 80,000 to 100,000 chemicals used in industrial processes? Less than 2 percent of all toxic chemicals now used have even been tested.
- _____ In what state was 500 gallons of this chemical toxin released, 8 months after the same chemical killed thousands of people in Bhopal, India?
- _____ Company responsible for the leaks above
- _____ When California tried to safeguard its drinking water, in 1986, by the Toxic Substances Enforcement Act, the act required all industries to tell citizens what chemicals it was releasing into the environment, through a provision called what?
- _____ Attempting to defeat the preceding initiative, the chemical industry spent how much money in California?
- _____ After losing the CA initiative, when did the chemical industry (CMA) decide to band together, in order to fund, nationally, all efforts to fight citizens' "right to know" initiatives, as soon as such initiatives began?
- _____ In the 1992 OHIO initiative demanding citizens' right to know to what chemicals they were exposed, the US chemical industry spent what amount of money to successfully defeat the initiative?
- _____ In the 1992 OHIO initiative demanding citizens' right to know to what chemicals they were exposed to, citizens of Ohio spent what amount of money to try to pass the law?
- _____ No state right-to-know initiatives (about what chemicals are being released) have passed any state since what date?
- _____ How many new chemicals enter the US market/releases every week?
- _____ Of the 150 chemicals for which Moyers' blood was tested, how many did he have in him, in measurable levels?
- _____ What is the only such chemical that could have been in someone's blood 60 years ago?
- _____ How many different PCBs were in Moyers's blood?
- _____ How many different dioxins were in Moyers's blood?

- _____ Yes or no: US agencies test for combined effects of chemicals.
- _____ The president and CEO of the CMA is whom?
- _____ The CMA "voluntarily" conducts tests on 100 toxic chemicals per year; for how many, of these hundreds of chemicals, has the CMA released results?
- _____ How much did the industry spend on the 1980 election candidates?
- _____ How many US chemicals are regularly used in US industry?
- _____ How many of the chemicals above are produced in great numbers?
- _____ The chemical industry contradicts itself in claiming both that "most chemicals are harmless," and yet in saying that "very little (what)"?
- _____ How old was Dan Ross when he died?
- _____ For how many years had Dan Ross been working for Conoco?
- _____ Breast cancer is thought to be caused, in part, by exposure to PVCs and to dioxins. How many people in the US die each year from breast cancer?
- _____ With respect to industrial releases of chemicals to the public, what is the equivalent of the "laboratory mice" in this "experiment"?
- _____ Name of the representative of the American Chemistry Council
- _____ How did the industry lawyer, Vorhees, answer the charge that no company doctor told Mr. Scaggs about the source of the problem with his hands/fingertips? He said that the information was published in what?
- _____ Dr. Landrigan says children are more vulnerable to effects of toxic chemicals because they eat, drink, and breathe more (than an adult), relative to their weight; because they are biologically more vulnerable, and because they are what?
- _____ Dr. Landrigan calls for independent testing, pediatric testing, continued testing of blood by CDC, getting toxics off the market, getting alternatives to toxics, and getting laws about what?
- _____ What is the percent increase in children's brain cancer since 1972 (that is, from 1972 to 2000)?
- _____ What is the percentage increase in testicular cancer, between ages 15 and 30, since 1972 (that is, from 1972 to 2000)?
- _____ The two websites, mentioned regarding information on toxins, are abouttradesecrets.org and what ?
- _____ What is the new name of the Chemical Manufacturers Assn., which changed it, so as to avoid bad publicity? (answer is not in the video).