## 65 research documents, YDE AND METHANOL

## The Fight to Regulate Formaldehyde

The Environmental Protection Agency has been trying for several years to reduce the risk of toxic formaldehyde fumes from commonplace items and materials found in American homes. It has been stymied at every turn by industry, antiregulatory Republicans and even some Democrats. These opponents, abetted by the White House, have at least temporarily forced the agency to retreat from a proposal formulated in 2012 that it had hoped would address the issue. Unless the agency and its supporters in Congress fight back, the result could be thousands or even tens of thousands of needless illnesses.

Formaldehyde is a known carcinogen and can cause asthma and other respiratory allments. Its dangers became widely known after Hurricane Katrina in 2005 drove thousands of people out of their homes and ultimately into temporary trailers that registered high levels of the substance, causing fore throats and burning eyes and, possibly, more serious long teem effects in future years.

A law passed in 2010 set standards for formaldehyde in composite wood products. In 2012, the E.P.A. proposed and sent to the White House regulations to carry out these standards. One rule proposed limits on how much formal-dehyde may be emitted from plywood and other composities. It also mandated the testing of laminates, a thin veneer of wood added to furniture or flooring as a cheaper alternative to using hardwoods throughout. That step was designed to prevent the escape of dangerous vapors from glues containing formaldehyde.

Industry objected. On the regulation of laminated products, the E.P.A. backed down willingly. Industry groups complained that the tests would be a particular hardship for small manufacturers. After a top agency offi-

cial visited a small furniture plant in North Carolina, the agency agreed and is now exploring less intrusive ways to protect public health without disrupting small manufacturers. On the emission standards for plywood, the White House Office of Management and Budget caved in, forcing the E.P.A. to greatly reduce its estimates of the public health benefits of regulating formaldehyde.

The 2012 proposal estimated savings of as much as \$278 million a year in avoided health costs. The weaker version, dictated by O.M.B. and published in 2013, sharply reduced that estimate to \$48 million, chiefly by eliminating asthma, the highest-cost item. These lower numbers, in turn, argued for less rigorous requirements and tests.

However, that is not necessarily the end of the story. A quirk in the interaction of the federal law and an executive order required the agency to submit an estimate of the costs and benefits of its proposed rule even though it had not fully completed an assessment of formaldehyde's dangers. It is now in the process of finishing that assessment. Once that task is done, the agency could conceivably lift its estimates of monetary benefits back up again by including what its officials say are the "substantial" benefits of avoiding asthma and other respiratory diseases.

The American Academy of Pediatrics warned that formaldehyde exposure has been associated with childhood asthma, and it urged the E.P.A. to calculate those economic impacts in its final rule. Even if the agency does submit higher numbers, it remains unclear whether this White House will be willing to accept the tougher regulatory regime that such numbers would seem to call for and that industry would almost certainly oppose.

FROM: NEW YORK TIMES - MAY 19th, 2015

For more about Formaldehyde - go to this web site:

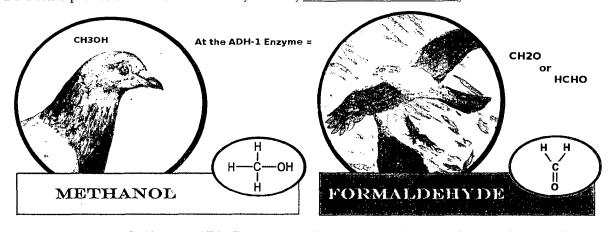
http://www.whilesciencesleeps.com

View the two videos on the /media tab on that site!

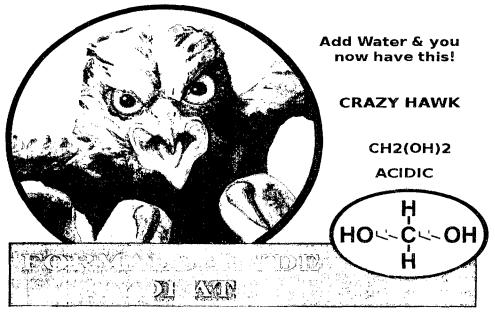
Methanol (found in many food and drink sources you can buy at any store...) once it enters the body, can metabolize at an ADH (class I enzyme) = found at 11 areas of the human body, into FORMALDEHYDE where once it comes in contact with water (the human body is mostly water) that formaldehyde becomes formaldehyde hydrate Formaldehyde hydrate is an acidic version of the very quickly! basic formaldehyde molecule that can methylate DNA and any basic amino acids and proteins. One Amino acid that LOVES formaldehyde is ARGININE. Once that protein or amino acid is changed by the chemical process, the immune system does not see it as normal and attacks it (consuming it) to rid the body of this UNHEALTHY problem. DNA that is methylated, can if unlucky, result in a permanent change to the DNA that results in CANCERS or if in a fetus, AUTISM. wise, we have an auto-immune response due to just the change of the amino acids or proteins. Lupus, MS, Alzheimer's, Diabetes, etc.

## The story about Methanol/FORMALDEHYDE (where it is found & what does it do)?

In HUMANS, the METHANOL molecule changes into Formaldehyde (hydrate) at 11 areas of the body... Methanol is so small that if it were the size of a pigeon & if it were in a human; he or she would have to duck as the moon went past one's head. One drop of diet soda (aspartame is 11% methanol), contains about 100 trillion methanol molecules that can become formaldehyde at AHD I. Formaldehyde has two different personalities (basic and acidic). Both can exist at the same time in the same space. Formaldehyde hydrate (acidic) results when formaldehyde (basic) mixes with water in humans (as we are mostly water). An acidic "Crazy Hawk" hydrate version, via methylation, nests in human DNA altering DNA by turning genes OFF. It can also bind to and/or alter proteins & amino acids (such as Arginine) causing the immune system to try to remove the foreign tissue (an auto-immune response). The resulting afflictions, a list often collectively referred to as Diseases Of Civilization (DOC), includes at least these: multiple sclerosis, atherosclerosis (heart attack/stroke), rheumatoid arthritis, lupus erythematosus, & due to DNA methylation, many Cancers (incl breast & melanoma) & Autism (a once rare birth defect)! In the "While Science Sleeps" book, Dr. Monte proves Methanol causes MS, Autism, new in 2015-Alzheimer's, & other DOC's he hints at



Methanol when metabolized at ADH I enzyme quickly metabolizes into Formaldehyde (basic)



Formaldehyde Hydrate, an acidic CRAZY HAWK, results when formaldehyde mixes with WATER (in humans can then alter DNA, proteins, & amino acids). Images from: <a href="http://www.whilesciencesleeps.com">http://www.whilesciencesleeps.com</a> (see all videos & the media tab found at this link) 2014-Monkeys fed CH3OH in the drinking water developed Alzheimer's (like human Alzheimer's). 2015-Duke U. - Immune system attacking the Neuron's Arginine (due to methylation w/crazy hawk)?