

PROBLEMS WITH USING PVC PIPE

SOURCE: HEALTHY BUILDINGS: www.healthybuilding.net/pvc/index.html

- "PVC is the worst plastic from an environmental health prospective, posing great environmental and health hazards in its manufacture, product life and disposal."
- Dioxin (the most potent carcinogen known to science), hydrochloric acid and vinyl chloride are unavoidably created in production of PVC, and can cause severe health problems, such as: cancer, neurological damage, immune system damage, respiratory problems, liver and kidney failure and birth defects.
- Dioxin exposure of the average American **already** poses a calculated risk of somewhere between 1 in 100 to 1 in 1,000 times greater than the usual standard for accepted risk.
- • PVC poses a great risk in waste incineration and building fires and releases deadly gases, such as hydrogen chloride, long before it ignites. As it burns, it leaves behind toxic bioxin waste.
- Recycling on any significant scale is nearly impossible. This led the Association of Post Consumer Plastic Recyclers to declare it a contaminant in 1998.
- "While the many problems associated with PVC throughout its lifecycle **far outweigh the minimal benefits**, the construction industry has been unaware of its true cost and has long considered it a cheap wonder material."
- Alternatives- Listed here is just a sample of the many PVC free options available:
 - PIPING: Cast iron and vitrified clay