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From: Larry Dunn <larrydunn360@hotmail.com>
Sent: Thursday, March 3, 2022 11:01 AM
To: ECY RE CHEM ACTION PLANS (HWTR)
Subject: Re: Phthalate Action Plan 3-3-2022 Presentation Slides


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Crosslinked Polyethylene (PEX)

Like HDPE and PP, there are few health hazards in the main content of the pipes themselves, but there is concern that chemicals can leach from the pipes or break down into other chemicals that leach from the pipes.[19] Water supplied from PEX pipes is also sometimes known to have taste and odor problems.[20] Some studies indicate that more chemicals can leach from PEX than from the plastics ranked higher in this Hazard Spectrum.[21] These pipes are installed using a variety of polymer and metal fittings. PEX is the only type of pipe on the Hazard Spectrum that cannot be recycled into new pipes, so its end-of-life options are limited.

[Water Pipes Hazard Spectrum | HomeFree from HBN \(healthybuilding.net\)](#)



The screenshot shows the HBN Product Guidance website. On the left, there is a blue sidebar with the text "HBN Product Guidance" and "At-a-glance decision making for healthier building materials". Below this, it says "11 Product Categories Available!" and "healthybuilding.net". The main content area features a "Flooring Products Hazard Spectrum" tool. It includes a list of product categories with corresponding hazard levels, such as "Laminates", "Solid Wood Floors (pre-treated)", "Ceramic Tiles (made in the USA, lead-free with no CRT content)", "PVC-Free Resilient Flooring", "Engineered Wood Floors (pre-treated)", "Solid Wood Floors (pre-treated)", "Rubber or Rubber/Cork Floors (made without crumb rubber)", and "Laminates".

Water Pipes Hazard Spectrum | HomeFree from HBN

Under typical conditions, copper pipes contain the fewest health hazards among the pipes included in this Hazard Spectrum. Solders and fluxes can contain lead, a persistent and bioaccumulative toxicant, and other heavy metals. Because U.S. federal law allows solders and fluxes to contain up to 0.2% lead by weight and still be labeled "lead free," even "lead free" solders may still ...

homefree.healthybuilding.net