

According to International Living Future Institute PVC & CPVC are RED Listed Materials in their Living Building Challenge Certification Program - see following excerpt from this list and/or visit link below.

### **CHLORINATED POLYMERS, INCLUDING PVC, PVDC, CHLOROPRENE (NEOPRENE MONOMER), AND CPVC**

PVC's vinyl chloride monomer building block is a known human carcinogen, according to the US Department of Health and Human Services. In addition, PVC is a Persistent Organic Pollutant Source Material. Due to its chlorine content, PVC often contains other Red List ingredients, such as cadmium, lead, and phthalates. The manufacture and disposal of chlorinated polymers can result in the production of dioxins and disposal phases. Dioxins are some of the most potent toxins known to humans, with no known safe limit for exposure and a strong propensity for bioaccumulation. In addition, dioxins are highly persistent in the environment.

<https://living-future.org/red-list/#red-list-and-watch-list-casrn-guide>

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