

Prerequisites

Prerequisite Five – Materials Red List¹⁷

The project cannot contain any of the following red list materials or chemicals.

- No added formaldehyde
- Halogenated Flame Retardants¹⁸
- PVC¹⁹
- Mercury²⁰
- CFC's
- HCFC's
- Neoprene (chloroprene)
- Cadmium
- Chlorinated Polyethylene and Chlorosulfonated Polyethylene²¹
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol
- Polyurethane
- Lead²²
- Phthalates

17 Cascadia is going to adopt an ongoing 'red-list' of materials that it believes should be phased out of production due to health/toxicity concerns. This list will be updated as new science emerges.

18 Halogenated flame retardants include: PBDE, TBBPA, HBCD, Deca-BDE, TCPP,TCEP, Dechlorane Plus and other retardants with bromine or chlorine.

19 A temporary exception is made for PVC in wiring applications where it is mandated by code.

20 A temporary exception is made for low-mercury fluorescent lighting.

21 HDPE and LDPE are excluded.

22 An exception is made for solder and off-grid solar battery systems only.

