

Issues	Show Stopper	HIGH RESTRICTION POTENTIAL	MEDIUM RESTRICTION POTENTIAL
List of Chemicals or Raw Materials Subject to Actual or Potential Manufacture or Use Restrictions	Asbestos Materials Certain glycol ethers Polychlorinated biphenyls Fully halogenated chlorofluorocarbons (CFCs) Carbon tetrachloride 1,1,1 trichloroethane Halons 1211, 1301, 2402 Hydrobromofluorocarbons (HBFCs) HCFC 141b Polybrominated biphenyls (PBBs) and their ethers/oxides (PBDEs) Cadmium compounds Lead compounds Mercury compounds Hexavalent Chromium compounds Polychlorinated Biphenyls (PCB)/ Terphenyls (PCT) Polychlorinated Naphthalene (PCN) Short Chain Chlorinated Paraffins (C10-13, Cl >50%) Tributyl tin (TBT) and, Triphenyl tin (TPT) compounds, including Bis(tributyltin)oxide (TBTO) (NB: TBTO is black in Japan) Certain Azo Colorants	Hydrochlorofluorocarbons (HCFCs) Perfluorooctyl sulfonates (PFOS) Perfluorooctanoic acid (PFOA) and its salts Cadmium compounds Lead compounds Mercury compounds Hexavalent Chromium compounds Other chlorinated organic compounds Other brominated organic compounds	Perfluorocompounds (PFCs) - SF6 - C4F10 - C2F6 - C5F12 - CF4 - C6F14 - NF3 - CHF3 - C4F8 - C3F8 Hydrofluorocarbons (HFCs) Certain phthalates Phenols Perfluoroalkyl sulfonates (PFAS) Ethylene Oxide Ethylene Dichloride Polyaromatic hydrocarbons Antimony Trioxide Beryllium Polyvinyl chloride (PVC) Other brominated flame retardants Triethyl arsenate Anthracene Cobalt dichloride Diarsenic pentaoxide Diarsenic trioxide Sodium dichromate Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)

Red - restriction only applies to product content; if the material is not ultimately contained in the final product, there is no use restriction.

Blue – restriction applies both for process use and containment in final product, but restriction level is higher if material is ultimately contained in final product.

Black - Restriction level is the same regardless of whether the material is included in the final product or merely used in the process.

The tool is meant to focus only on the potential for legal limitations on the use of a substance, and is not meant to substitute for the broader risk assessment or for the more thorough EHS review performed as part of chemical use approval.

CAS #s of specific chemicals covered and other additional details are included in the detailed chemical list file found *here*.