



Banned Hazardous Substances List

No.	Name	Application	Chemical Components	CAS No.
1	Chlorine, bromide or iodine for bleaching and dyeing only	Bleaching and dyeing agent	Sodium hypochlorite - NaClO	7681-52-9
			Calcium hypochlorite - Ca(ClO) ₂	7778-54-3
			Chlorine - Cl ₂	7782-50-5
			Chlorine dioxide - ClO ₂	10049-04-4
2	Heavy metal dyes (chrome, copper, zinc and nickel)	Dyeing agent	Cadmium – Cd	7440-43-9
			Chromium (VI) – Cr(VI)	7440-47-3
			Copper – Cu	7440-50-8
			Mercury – Hg	7439-97-6
			Zinc – Zn	7440-66-6
			Lead – Pb	7439-72-1
			Nickel – Ni	7440-02-0
3	PVC-based paints	Paint	Tribasic Lead Sulfate – (PbO) ₃ SO ₄	12202-17-4

No.	Name	Application	Chemical Components	CAS No.
4	Volatile organic solvent-based adhesives	Adhesives, glue	Solvents generally used in solvent-based adhesive are provided below	
			Toluene – C ₇ H ₈	108-88-3
			Trichloroethylene – C ₂ HCl ₃	79-01-6
			Trichloromethane – CHCl ₃	67-66-3
			Pentachloromethane – C ₂ HCl ₅	76-01-7
			Tetrachloromethane (Carbon Tetrachloride) – CCl ₄	56-23-5
5	Sulfur Hexafluoride (SF ₆)	Electric breakers	Sulfur Hexafluoride – SF ₆	2551-62-4
6	Chrome compounds	Dye, pigment and Catalysts	Chromium (VI) compounds - Cr (VI)	7440-47-3
			Chromium (III) compounds – Cr(III)	16065-83-1
			Chromic Oxide – Cr ₂ O ₃	1308-38-9

No.	Name	Application	Chemical Components	CAS No.
			Chromium acetate - $\text{Cr}(\text{OOCCH}_3)_3$	1066-30-4
			Chromium nitrate - $\text{Cr}(\text{NO}_3)_3$	13548-38-4
			Chromium chloride – CrCl_3	10025-73-7
			Chromium phosphate - CrO_4P	7789-04-0
			Chromium sulfate – CrO_4S	10101-53-8
7	Azo dyes	Dyeing agent	Navy Blue - $\text{C}_{39}\text{H}_{23}\text{ClCrN}_7\text{O}_{12}\text{S}_2$ Na	118685-33-9
			Azobenzene - $\text{C}_6\text{H}_5\text{N}=\text{NC}_6\text{H}_5$	103-33-3
8	Formaldehyde	Resins	Formaldehyde (methyl aldehyde) - CH_2O	50-00-0
			Formaldehyde Cyanohydrin - $\text{C}_2\text{H}_3\text{NO}$	107-16-4

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9	PCP	Herbicide, insecticide, fungicide, algaecide, and disinfectant	Pentachlorophenol - C_6HCl_5O	87-86-5