

## COMMON HAZARDOUS SUBSTANCES IN THE HAIRDRESSING/BEAUTY INDUSTRY

PRODUCT	INGREDIENT	HEALTH EFFECT
Hair dyes	General	Bladder cancer, leukaemia, lymphoma, multiple myeloma
Specific Hair Dyes	Benzidine 2.4 - toluene diamine 2.5 - toluene diamine p-toluene diamine sulphate m-phenylene diamine o-nitro-p-phenylene diamine (2-nitro-p-phenylene diamine) 4-nitro-o-phenylene diamine 4-amino-2-nitrophenel 2.4-diaminoanisole Henna Hydrogen peroxide	Bladder cancer Allergic contact dermatitis Allergic contact dermatitis, aplastic anaemia Allergic contact dermatitis Allergic contact dermatitis Allergic contact dermatitis  Allergic contact dermatitis Allergic contact dermatitis Allergic contact dermatitis Asthma Strong skin, eye and respiratory irritant, potential sensitise
Shampoos	Detergents Zinc pyridinethione Lavender oil, (Geraniol, linalool, linalyl-acetate)	Dermatitis Dermatitis Dermatitis
Permanent Wave	Ammonium thioglycolate	Allergic contact dermatitis
Solutions	Glyceryl monothioglycolate	Allergic contact dermatitis
Permanent Wave Neutralisers	Hydrogen peroxide ) Ammonium persulphate ) Potassium persulphate ) Sodium perborate ) Sodium Bromate ) Potassium bromate )	Strong skin, eye and irritants, potential sensitivities
Primer	Glacial methacrylate acid	Skin sensitisers, corrosive to eyes
Nail liquid	Ethyl methacrylate Methyl methacrylate Acrylic monomer	Irritant to eyes, nose, throat and skin, allergic contact dermatitis
Nail powder	Polymers (e.g. polymethylacrylate)	Irritant to nose and throat
Nail polishers & varnishes	Solvents (including acetone, amyl acetate, amyl acetate, toluene PVP Formaldehyde	Skin irritation, allergic and irritant contact dermatitis, headache, fatigue Bronchial irritation Confirmed carcinogen, irritant to eyes and throat, sensitisers, contact dermatitis
Polish removers	Solvents	Skin irritation, allergic contact dermatitis
Hair Sprays	Ethanol (alcohol) Glutaraldehyde  Aerosols (LPG)	Eye irritant Irritant and allergic contact dermatitis, headaches, nausea and respiratory problems, asthma Eye irritant, fire and explosion risk
Hair bleaches	Ammonium persulphate ) Hydrogen peroxide ) Ammonium persulphate ) Potassium persulphate ) Sodium persulphate )	Asthma Strong skin, eye and respiratory irritants, potential sensitisers
Setting lotions	Ethanol (alcohol) Glutaraldehyde	Eye irritant Irritant and allergic contact dermatitis, headaches, nausea and respiratory problems, asthma
Perfumes	Balsam of Peru	Allergic contact dermatitis
Antiseptics	Glutaraldehyde	Irritant and allergic contact dermatitis, headaches, nausea respiratory problems, asthma
Rubber Gloves	Thrum Nicroptobenzothiazole	Allergic contact dermatitis Dermatitis