



Selected Chemicals Associated with Contact/Occupational Vitiligo

Phenol/Catechol derivatives

Monobenzyl ether of hydroquinone (MBEH)
Hydroquinone (1,4-dihydroxybenzene; 1,4-benzenediol; quinol;
para-hydroxyphenol)
para-tertiary-butylcatechol
para-tertiary butylphenol (PTBP)
para-tertiary-Amylphenol
Monomethyl ether of hydroquinone (para-methoxyphenol); para-hydroxyanisole)
Monoethyl ether of hydroquinone (para-ethoxyphenol)
para-Phenylphenol
para-Octylphenol
para-Nonylphenol
para-Isopropylcatechol
para-Methylcatechol
Butylated hydroxytoluene
Butylated hydroxyanisole
Pyrocatechol (1,2-benzenediol)
para-Creso
para-tertiary-butyl cyclohexanone (PTBC)

Sulphydryls

B-Mercaptoethylamine hydrochloride (cysteamine)
N-(2-mercaptoethyl)-dimethylamine hydrochloride
Sulfanolic acid
Cystamine dihydrochloride
3-Mercaptopropylamine hydrochloride

Miscellaneous

Mercurials
Rhododenol
Arsenic
Cinnamic aldehyde
para-Phenylenediamine (PPD) (found in hair dye)
Benzyl alcohol
Azaleic acid
Phenyl glycidyl ether (used in production of epoxy resins)
Polyvinyl chloride plastics
Crocein Scarlet MOO (also goes by- ACID RED 73; 5413-75-2; Brilliant crocein; Woodstain Scarlet)
Rhodamine B (cosmetic coloring/dye used on feet)
Brilliant Lake Red R (dye used in cosmetics)
Carmustine
Acrylates
Nickel
Squaric acid dibutylester

Optic preparations

Eserine (physostigmine)
Diisopropyl fluorophosphate
Thiotepa (triethylene-thiophosphoramidate)
Guanonitrofuracin

Systemic medications

Chloroquine
Fluphenazine (prolixin)

Some Sources of Phenol/Catechol derivatives

Adhesives and Adhesive tape
Deodorants
Disinfectants
Dental bonding products
Fiberglass
Film and print developing chemicals
Glues
Germicidal phenolic detergent compounds
Insecticides
Insulation materials
Latex gloves
Motor oil additives
Paints
Photographic chemicals
Printing inks
PTBP formaldehyde resins
Rubber antioxidants
Plasticizers for cellulose acetate PB
Varnish and lacquer resins