

TABLE 37-D
CHEMICAL CAUSES OF SKIN AFFECTIONS (Concluded)

<i>Irritant or Agent</i>	<i>Primary Irritants</i>	<i>Sensitizers</i>	<i>Manifestations of Irritating Action on the skin (More important damages may result in other organs)</i>	<i>Typical Occupations, Trades, or Processes Where Exposure May Occur</i>
Rotenone			Red skin, blisters	Manufacturing and applying insecticides
OILS				
Cashew nut oils		x	Severe dermatitis, as blisters	Handlers of unprocessed cashew nuts
Cutting oils—emulsions or solutions		x	Oil acne, inflammation of hair follicles	Machinists
RESINS				
Coal tar products (pitch and asphalt)	x	x	Acute dermatitis, "shagreen skin," acne, inflammation around hair follicles, epithelioma, eczema, ulcers	Manufacturing various coal tar products, road making, gas manufacturing
Synthetic resins (phenol-formaldehyde urea-formaldehyde, cumarone, ester gums, glyptal, vinyl, furfural, cellulose nitrate and acetate)*	x	x	Intensely red and itchy skin	Plastic workers, varnish makers
Synthetic waxes (chloronaphthalenes and chlorodiphenyls)		x	Dermatitis and acne	Manufacturing electrical apparatus, paints, varnishes, and lacquers
SALTS OR ELEMENTS				
Antimony and its compounds	x		Irritation and eczematous eruptions of skin	Antimony extractors, glass and rubber mixers, manufacturing of various alloys, fireworks, and aniline colors
Arsenic and its compounds	x	x	Darkening of skin, perforation of nasal septum, epithelioma, horny growth or tissue on palm, eczema around mouth and nose (possible loss of nails and hair)	Artificial leather makers, carroters (felt hats), manufacturing insecticides, glass industry and vermicides, manufacturing artificial flowers, calico printing
Barium and its compounds	x		Eczema	Barium carbonate, fireworks, dye, and paint makers