Pharmaceutical industry, health care workers

Chemicals

Agents

Workers at Risk

Animal-Derived Substances

- Egg protein: Egg producers
- Grain mites: Farmers, grain handlers
- Insects: Laboratory workers
- Laboratory animals: Laboratory workers, animal handlers
- Shellfish: Seafood processors

Acrylates

- Adhesives handlers, nail salon workers

Amines

- Shellac and lacquer handlers, solderers, carpenters, photographers

Anhydrides

- Users of epoxy resins, plastic/rubber workers

Dyes

- Textile workers

Formaldehyde, glutaraldehyde

- Hospital staff

Isocyanates

- Spray painters, polyurethane foam insulation installers/manufacturers, plastic manufacturers

Persulfate

- Hairdressers

Drugs/Pharmaceuticals

Penicillins, psyllium, methyldopa, cimetidine

- Pharmaceutical industry, health care workers

Plant-Derived Substances

Cephalosporins, pancreatin, papain, pepsin, psyllium

- Farmers, millers, oil industry workers, dock workers

Flour and grain dusts

- Bakers, millers

Latex (natural rubber)

- Health care workers, daycare providers, food service

Vegetable gums

- Carpet makers, pharmaceutical workers

Wood dusts

- Forest workers, carpenters, cabinet makers, sawmill workers

Metal, Fluxes

- Hard-metal grinders

Other

Metal working fluids, oil mists

- Machinists, tool setters

Dusts, molds

- Teachers, cleaners, office workers, janitors

Cleaning materials

- Cleaners, janitors, daycare providers

Note: Materials have been reformatted with permission from the NY State Health Department, www.health.state.ny.us/nysdoh/lung/lung.htm