

HAZARDOUS MATERIALS USED AT CONSTRUCTION SITES

<u>Hazardous material/operation</u>	<u>Hazard/Hazardous Waste</u>
Carpenters	
Wood preservatives	Aniline creosol
Protective finishes, glues	Alkyds, amines
Wood sealers and glues	Anhydrides, naphthalenes, ethylenediamine, phenol formaldehyde
Form-release oils or agents	Kerosene, mineral oil
Putty	Coal tar pitch, gums and resins, linseed oil, lead, sodium silicate, solvents
Sandpaper	Glass fibers, flint, corundum, glue
Carpet, Linoleum, Soft-Tile Layers	
Solvents	Acetone, aliphatic hydrocarbons, ammonia, aromatic hydrocarbons, ketones, petroleum naphtha, tetrachloroethane, toluene
Adhesives	Chlorinated diphenyls and naphthalenes, curing agents, ethylenediamine, isocyanates, petroleum distillates, solvents
Electricians	
Solder	Metals
Fluxes	Acids (hydrochloric, hydrofluoric, sulfuric)
"Bright" dip	Sulfuric acid
Cable joints and coatings	Amines, anhydrides, chlorinated diphenyls, naphthalenes, ethylenediamine, resins, solvents
Wire coatings, transformers	Amines, isocyanates, resins, solvents
Glaziers	
Putty	Coal tar pitch, gums and resins, sodium silicate, solvents
Operating engineers	
Cleaning/degreasing	Gasoline, solvents
Painters/Wallpaper Hangers	
	Paints, varnishes, lacquers, solvents, Acetates, benzene, creosol, cycloparaffins, ketones, isopropyl alcohol, methylene chloride, phenol, xylene, tetrachloroethylene, turpentine, petroleum distillate, pigments, metals
Flame-retardent paints	Antimony oxide
Impermeable paints and coatings	Anhydrides, resins, solvents, ethylenediamine, naphthalenes, chlorinated diphenyls
Putty	Antimony, sulfide, calcium oxide, glycerin, solvents, sodium silicate
Wallpaper dyes	Aniline compounds
Material being removed or cleared	Cement, paint, wood, surface coatings
Hod carriers	
Building materials	Gypsum, hydrochloric acid, calcium oxide, sulfuric acid, silica, silicates, trace metals
Iron workers	
Welding	Metals, carbon monoxide
Electrodes	Manganese
Oxy-acetylene welding	Acetylene, arsine, phosphine
Fluxes	Acids (hydrochloric, hydrofluoric, sulfuric), zinc chloride

Plumbers/Pipefitters

Soldering	Carbon monoxide, metals
Fluxes	Acids (hydrochloric, hydrofluoric, sulfuric)
"Bright" dip	Sulfuric acid, nitric acid
Pipe cements	
(polyurethane resins)	Amines, isocyanates, solvents
Plastic pipe cements	Amyl acetate, butadiene
Refrigeration air-conditioning	Ammonia, freon

Roofers

Asphalt	Gasoline, kerosene
Coal tar pitch	Acridine, creosol, phenol, solvents
Coal tar roofing	Petroleum distillates, solvents

Sheet metal workers

Welding/soldering	Zinc
Metal cleaners	Solvents