

Mode of Entrance

Inhalation of fumes or dust or swallowing with food or drink.

Symptoms

- (a) Acute--conjunctivitis, eczema, ulcers.
- (b) Chronic--Anemia, neuritis, degeneration of liver and kidneys.

Mercury

Sources

- (a) Mercury mining and smelting
- (b) Manufacture of barometers and thermometers
- (c) Hat making (felt)

Mode of Entrance

- (a) Inhalation of vapor
- (b) Skin
- (c) Rarely by swallowing

Symptoms

- (a) Anemia
- (b) Headache and dizziness
- (c) Tremor
- (d) "Ptyalism" (fetid breath, soft, swollen, ulcerated gums, with loosening teeth)
- (e) Enlarged glands.

Prevention--Same as for lead.

Phosphorus

Sources--Chiefly match making with white phosphorus.

Mode of Entrance--Swallowing

Symptoms

- (a) Necrosis of bones of jaw
- (b) Foul odor of breath

Prevention

- (a) Prohibition of use of white phosphorus
- (b) Mouth hygiene

Carbon Monoxide--is the most important of all gas poisonings.

Sources

- (a) Illuminating gas
- (b) Exhaust from autos
- (c) Blast furnaces
- (d) Mine gas