

Copper

- Acute Toxicity : Inhalation can cause cough, headache, shortness of breath, and sore throat.
Skin contact can cause redness.
Eye contact can cause redness, pain.
Ingestion can cause abdominal pain, nausea, and vomiting.
- Chronic Toxicity : Repeated or prolonged contact may cause skin sensitization.

Tin

- Acute Toxicity : Inhalation can cause cough.
Eye contact can cause redness, pain.
- Chronic Toxicity : The substance may have effects on the lungs, resulting in a benign pneumoconiosis (stannosis).

Molybdenum disulfide

- Acute Toxicity : Insoluble molybdenum compounds are characterized by low toxicity.
Dermatitis has not been reported in exposed workers.
Some insoluble molybdenum compounds are irritating to the eyes.
- Chronic Toxicity : 25 one-hour exposure to 490mg/m³ caused no effects in all the animals tested except one, which died after the third exposure. Rats fed up to 500gm daily for 44days showed no toxic signs and all gained weight.

Graphite

- Acute Toxicity : Inhalation can cause cough.
Skin contact can cause roughness.
- Chronic Toxicity : Lungs may be affected by repeated or prolonged exposure to dusts, resulting in graphite pneumoconiosis.

Barium sulfate

- Acute Toxicity : Skin contact may cause irritation.
Eye contact may cause irritation.
- Chronic Toxicity : Lungs may be affected by repeated or prolonged exposure to dust particles, resulting in baritosis (a form of benign pneumoconiosis).

Magnesium Potassium titanium oxide

- Acute Toxicity : Mice oral LD₅₀ >5000mg/kg
Rat oral LD₅₀ >2000mg/kg
Rat Dermal LD₅₀ >2000mg/kg
Rat Inhalation LC₅₀ >5.04mg/m³
The NOAEL in subacute 28-day oral toxicity study was 1000mg/kg/day in rats.
- Chronic Toxicity : No information is available.
- Local Effect : In animal studies, exposure to this material resulted in transient very slight irritation in the skin of the rabbits. Instillation into the rabbit eye elicited transient very slight irritation. This material is not a skin sensitizer.