

## METALLIZING POWDER TUNGSTEN

| INGREDIENTS | CAS NO    | %  | 8HR OEL               |
|-------------|-----------|----|-----------------------|
| chromium    | 7440-47-3 | 18 | 0.5 mg/m <sup>3</sup> |
| copper      | 7440-50-8 | 2  | 0.2 mg/m <sup>3</sup> |
| molybdenum  | 7439-98-7 | 12 | 2 mg/m <sup>3</sup>   |
| nickel      | 7440-02-0 | 4  | 1 mg/m <sup>3</sup>   |

UN No: **Not Applicable**  
 Hazchem Code: **Not Applicable**  
 DG Class: **Not Applicable**  
 Subsidiary Risk: **Not Applicable**  
 Packing Group: **Not Applicable**  
 Poisons Schedule: **Not Applicable**



## NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 May cause SENSITISATION by skin contact.

## Chronic Health Effects:

Danger of cumulative effects.  
 Limited evidence of a carcinogenic effect.  
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 May impair fertility.  
 May cause harm to the unborn child.

\* – limited evidence

## PROPERTIES



Solid.  
 Does not mix with water.  
 Sinks in water.

## EMERGENCY



## FIRST AID

|                             |   |
|-----------------------------|---|
| <b>Swallowed:</b>           | Give water (if conscious). Seek medical advice.   |
| <b>Eye:</b>                 | Wash with running water.  |
| <b>Skin:</b>                | Remove contaminated clothing. Wash with soap & water.   |
| <b>Inhaled:</b>             | Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.   |
| <b>Advice To Doctor:</b>    | For severe poisoning, administer CaNa <sub>2</sub> EDTA. Treat symptoms NOT history. Emesis. Deferoxamine may be antidotal. Supportive care. "metal fume fever". Remove from exposure. Treatment is supportive. |
| <b>Fire Fighting:</b>       | Dry agent.<br>Do NOT fight fire with BCF extinguisher.<br>Do NOT fight fire with water.   |
| <b>Spills and Disposal:</b> | Avoid dust.<br>Sweep shovel to safe place.<br>This material and its container must be disposed of in a safe way.<br>To clean the floor and all objects contaminated by this material, use water and detergent.  |

## PRECAUTIONS FOR USE



|                                    |  |
|------------------------------------|--|
| <b>Glasses:</b>                    | Consider chemical goggles.   |
| <b>Gloves:</b>                     | Leather Gloves.  |
| <b>Respirator:</b>                 | Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent) |
| <b>Storage and Transportation:</b> | Store in cool, dry, protected area.<br>Keep out of reach of children.                    |
| <b>Fire/Explosion Hazard:</b>      | Toxic smoke/fumes in a fire.   |
| <b>Environment:</b>                | Harmful to aquatic organisms.  |

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Radioactive Oxidizing

x — Must not be stored together