

1. Identification of substance and manufacturer	<p>*Substance name: Elmet, Sparkal *Application: arcing contacts, heat sinks, electrodes *Manufacturer: CIME BOCUZE, 446, avenue des Dignes, BP 301, St. Pierre en Faucigny, F – 74807 La Roche sur Foron Cedex, Tel.: +33 (4) 50 25 37 20; PLANSEE Powertech AG, Retterswil 13, CH – 5703 Seon, Tel.: +41 62 769 60 80 and PLANSEE GmbH, Siebenbürgerstr. 23, D-86983 Lechbruck, Tel.: +49 (8862) 773-0</p>
2. Composition / Data on components	<p>*Composition: tungsten, CAS-No.: 7440-33-7, 10-40% copper, CAS-No.: 7440-50-8 *Dangerous components: None</p>
3. Hazards identification	<p>*Hazard description: None</p>
4. First aid measures	<p>*Inhalation: Supply fresh air *Skin contact: Remove dust by washing with water and soap</p>
5. Fire fighting measures	<p>*Suitable extinguishing agents: No restrictions *Special risks: None *Substance is not combustible</p>
6. Accidental release measures	<p>*Person-related safety precautions: Avoid formation of airborne dust *Ensure effective ventilation *Environmental protection measures: No special requirements</p>
7. Handling and storage	<p>*Handling: Avoid formation of airborne dust *Install exhaustion at hot forming workplaces to remove sublimate *Storage: No special requirements</p>
8. Exposure controls and personal protection	<p>*Threshold limit value: W: 5 mg/m³, Cu: 1 mg/m³ (daily average, inhaleable fraction) *Install exhaustion at hot forming workplaces *Personal protective equipment: In case of exposure to sublimated oxides (see chapter 10) use protective mask P2</p>
9. Physical and chemical properties	<p>*Appearance: Grey solid *Melting point: W: 3410°C, Cu: 1083°C *Density: 13.0 - 18.3 g/cm³ at 20°C</p>
10. Stability and reactivity	<p>*Oxidation on air at temperatures > 400°C *Sublimation of WO₃ starting at about 850°C</p>
11. Toxicological information	<p>*No toxic effects known</p>
12. Ecological information	<p>*No ecotoxicological effects known</p>
13. Disposal considerations	<p>*Dispose residues as metal scrap *Notice national and regional regulations</p>
14. Transport information	<p>*No dangerous good for transportation</p>
15. Regulations	<p>*No labelling required *Notice national regulations</p>
16. Other information	<p>*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</p>