

1. Identification of the substance and of the company	<p>* Identification of the substance: Densimet, Densimet D2M, Inernet * Use of the substance: products such as for protection shields, counter weights *Company: CIME BOCUZE, 446, avenue des Dignes, BP 301, St. Pierre en Faucigny, F-74807 La Roche sur Foron Cedex and PLANSEE Composite Materials GmbH, Siebenbürgenstr.23, D-86983 Lechbruck, e-mail: environment.management@plansee.com *Emergency number: phone +33 (4) 5025 37 00, phone +49 (8862)773-0</p>
2. Hazards Identification	<p>*Classification: not hazardous material pursuant to Regulation (EC) no. 1272/2008 EC or EC Directive 67/548/EEC *Article (compact metal/alloy) according to REACH Regulation Article 3 (3) with no Risk to Human Health or the Environment, a safety data sheet is not legally required for this article</p> <p>*EC No.1272/2008 Annex VI Tab. 3.1: Nickel: carc. 2 can potentially cause cancer, H351; STOT RE 1 Prolonged or repeated exposure damages organs, H372; skin sens. 1. Can evoke allergic skin reactions, H317; aquatic chronic 3 hazardous to aquatic organisms with long-term effect, H412;</p>
3. Composition/Information on ingredients	<p>*Summary: tungsten, nickel 1-30 % mass fraction, iron 0-15 % mass fraction, copper 0-10 % mass fraction, molybdenum 0-5 % mass fraction EC no. tungsten: 231-143-9, nickel: 231-111-4 CAS no. tungsten: 7440-33-7, nickel: 7440-02-0 *Hazardous components: see item 2.</p>
4. First-aid measures	<p>*Inhalation: no exposure when used as directed. *Skin contact: wash dust off thoroughly with soap and water. * Doctor is needed or advisable: consult a physician after prolonged exposure to dust.</p>
5. Fire-fighting measures	<p>*Suitable extinguishing media: The product itself is not flammable. *Adapt extinguishing measures to surroundings. *Special hazard: increased fire hazard during dust formation. *Protective equipment: breathing protection in the presence of dust.</p>
6. Accidental release measures	<p>*Personnel-related precautionary measures: dust should be suction cleaned directly at source. *Environmental protection measures: no particular environmental protection measures are required.</p>
7. Handling and storage	<p>*Handling: Avoid dust formation. Use suction cleaning if unavoidable and when processing at high temperatures (sublimate formation, see item 10). *Storage: no special measures required.</p>
8. Exposure controls/personal protection	<p>*Exposure thresholds: workplace inhalable fraction, mean daily value: tungsten 10 mg/m³, nickel 0,5 mg/m³ *Dust-like emissions: General 5 mg/m³, nickel 1 mg/m³ *Wastewater emissions: tungsten 5 mg/l, nickel 0,5 mg/l *Workplace exposure: install suction cleaning when working with dust and sublimate and use at least one FFP3 respirator. *Environmental exposure: install suction cleaning with filter when working with dust formation. *Do not empty into drains.</p>
9. Physical and chemical properties	<p>*Appearance: solid grey material. *Melting point: 3400°C *Density: 12 to 18,5 g/cm³ at 20°C *Solubility: insoluble in water, acids and bases; soluble only in complex-forming acids (sulphuric or phosphoric) or bases in combination with a strong oxidizing agent.</p>
10. Stability and reactivity	<p>*Conditions to be avoided: high temperatures in air strong oxidation beginning around 400°C, sublimation of WO₃ beginning around 850°C. *Substances to be avoided: none</p>
11. Toxicological information	<p>*See under item 2. *Sensitization: May cause sensitization by skin contact.</p>
12. Ecological information	<p>*Ecotoxicity: see under item 2. *Mobility: low mobility due to low solubility. *Persistence and degradability: stable inorganic material. *Bioaccumulation potential: no data available.</p>
13. Disposal considerations	<p>*Dispose of residues as metal waste. *Obey national or regional regulations.</p>
14. Transport information	<p>*ADR / RID / ADN / IATA (ICAO) / IMDG: not a dangerous good pursuant to international transport regulations.</p>
15. Regulatory information	<p>*No labeling required. *The exposure thresholds given under item 8 pertain to Austrian legal regulations. *Obey national regulations.</p>
16. Other information	<p>*Above information corresponds to our current state of knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. *Detailed results of the toxicological and ecotoxicological effects are described in the chemical safety report for REACH registration.</p>

Information about the content

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Changes to last version

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