

**Safety Data Sheet**pursuant to Regulation (EC) 1907/2006 (REACH)  
REACH reg. no. --Trade name: **Densimet / Inernet**  
SDS no. SD-DI-02

Revised on 11 Apr. 2011/Issued: Kollnig S.

Version: 1.0/EN

page 1 of 2

<b>1. Identification of the substance and of the company</b>	<b>* Identification of the substance:</b> Densimet, Densimet D2M, Inernet <b>* Use of the substance:</b> products such as for protection shields, counter weights <b>*Company:</b> 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: <a href="mailto:info@plansee.com">info@plansee.com</a> <b>*Emergency number:</b> phone +33 (4) 5025 37 00, phone +49 (8862)773-0
<b>2. Hazards Identification</b>	<b>*Classification:</b> not hazardous material pursuant to Regulation (EC) no. 1272/2008 EC or EC Directive 67/548/EEC <b>*Compact Metal / Alloy with no Risk to Human Health or the Environment.</b> <b>*EC No.1272/2008 Annex VI Tab. 3.1: Nickel:</b> 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; <b>EC No.1272/2008 Annex VI Tab.3.2: Nickel:</b> carc. cat. 3; R40: suspected carcinogenic effect; T, R48/23, poisonous: risk of serious health damage during prolonged exposure through inhalation, R43, may cause sensitisation by skin contact; <b>EC No.1272/2008 Annex VI Tab. 3.1: Nickel:</b> aquatic chronic 3 hazardous to aquatic organisms with long-term effect, H412; <b>EC No.1272/2008 Annex VI Tab.3.2: Nickel:</b> R52-53, hazardous to aquatic organisms, can have long-term damaging effects in bodies of water;
<b>3. Composition/Information on ingredients</b>	<b>*Summary:</b> 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 <b>*Hazardous components:</b> see item 2.
<b>4. First-aid measures</b>	<b>*Inhalation:</b> no exposure when used as directed. <b>*Skin contact:</b> wash dust off thoroughly with soap and water. <b>* Doctor is needed or advisable:</b> consult a physician after prolonged exposure to dust.
<b>5. Fire-fighting measures</b>	<b>*Suitable extinguishing media:</b> The product itself is not flammable. *Adapt extinguishing measures to surroundings. <b>*Special hazard:</b> increased fire hazard during dust formation. <b>*Protective equipment:</b> breathing protection in the presence of dust.
<b>6. Accidental release measures</b>	<b>*Personnel-related precautionary measures:</b> dust should be suction cleaned directly at source. <b>*Environmental protection measures:</b> no particular environmental protection measures are required.
<b>7. Handling and storage</b>	<b>*Handling:</b> Avoid dust formation. Use suction cleaning if unavoidable and when processing at high temperatures (sublimate formation, see item 10). <b>*Storage:</b> no special measures required.
<b>8. Exposure controls/personal protection</b>	<b>*Exposure thresholds:</b> workplace: tungsten 5 mg/m <sup>3</sup> , nickel 0,5 mg/m <sup>3</sup> inhalable fraction, mean daily value <b>*Dust-like emissions:</b> General 5 mg/m <sup>3</sup> , nickel 1 mg/m <sup>3</sup> <b>*Wastewater emissions:</b> tungsten 5 mg/l, nickel 0,5 mg/l <b>*Workplace exposure:</b> install suction cleaning when working with dust and sublimate and use at least one FFP3 respirator. <b>*Environmental exposure:</b> install suction cleaning with filter when working with dust formation. <b>*Do not empty into drains.</b>
<b>9. Physical and chemical properties</b>	<b>*Appearance:</b> solid grey material. <b>*Melting point:</b> 3400°C <b>*Density:</b> 12 to 18.5 g/cm <sup>3</sup> at 20°C <b>*Solubility:</b> insoluble in water, acids and bases; soluble only in complex-forming acids (sulphuric or phosphoric) or bases in combination with a strong oxidizing agent.
<b>10. Stability and reactivity</b>	<b>*Conditions to be avoided:</b> high temperatures in air (strong oxidation beginning around 400°C, sublimation of WO <sub>3</sub> beginning around 850°C). <b>*Substances to be avoided:</b> none
<b>11. Toxicological information</b>	*See under item 2.
<b>12. Ecological information</b>	<b>*Ecotoxicity:</b> see under item 2. <b>*Mobility:</b> low mobility due to low solubility. <b>*Persistence and degradability:</b> stable inorganic material. <b>*Bioaccumulation potential:</b> no data available.
<b>13. Disposal considerations</b>	*Dispose of residues as metal waste. *Obey national or regional regulations.
<b>14. Transport information</b>	<b>*ADR / RID / ADN / IATA (ICAO) / IMDG:</b> not a dangerous good pursuant to international transport regulations.
<b>15. Regulatory information</b>	*No labeling required. *The exposure thresholds given under item 8 pertain to Austrian legal regulations. *Obey national regulations.
<b>16. Other information</b>	*Above information corresponds to our current state of knowledge. However, this shall not

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page 2 of 2

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 / Tungsten: REACH reg. no. 01-2119488910--30-0000