

<b>1. Identification of substance and manufacturer</b>	* <b>Substance name:</b> Nb, Nb1Zr * <b>Application:</b> e.g. chemical apparatus engineering * <b>Manufacturer:</b> PLANSEE Metall GmbH, A-6600 Reutte, Tel.: +43 (5672) 600-2226
<b>2. Composition / Data on components</b>	* <b>Composition:</b> Nb, CAS-No.: 7440-03-1 *Nb1Zr: additional 1% zirconium, CAS-No.: 7440-33-7
<b>3. Hazards identification</b>	* <b>Dangerous components:</b> None
<b>4. First aid measures</b>	* <b>Hazard description:</b> None
<b>5. Fire fighting measures</b>	* <b>Inhalation:</b> Supply fresh air
<b>6. Accidental release measures</b>	* <b>Skin contact:</b> Remove dust by washing with water and soap
<b>7. Handling and storage</b>	* <b>Suitable extinguishing agents:</b> No restrictions
<b>8. Exposure controls and personal protection</b>	* <b>Special risks:</b> None *Substance is not combustible
<b>9. Physical and chemical properties</b>	* <b>Person-related safety precautions:</b> Avoid formation of airborne dust *Ensure effective ventilation * <b>Environmental protection measures:</b> No special requirements
<b>10. Stability and reactivity</b>	* <b>Handling:</b> Avoid formation of airborne dust * <b>Storage:</b> No special requirements
<b>11. Toxicological information</b>	* <b>Threshold limit value:</b> 5 mg/m <sup>3</sup> (daily average, inhaleable fraction), *Install exhaustion at workplaces with unavoidable dust * <b>Personal protective equipment:</b> In case of exposure to dust use protective mask P2
<b>12. Ecological information</b>	* <b>Appearance:</b> Grey solid * <b>Melting point:</b> 2468 °C * <b>Density:</b> 8.4 g/cm <sup>3</sup> at 20 °C
<b>13. Disposal considerations</b>	*No dangerous reactions known
<b>14. Transport information</b>	*No toxic effects known
<b>15. Regulations</b>	*No ecotoxicological effects known
<b>16. Other information</b>	*Dispose residues as metal scrap *Notice national and regional regulations
	*No dangerous good for transportation
	*No labelling required *Notice national regulations
	*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.