1. Identification of the substance and of the company

*Identification of the substance: DUCROPUR, DUCROLLOY
*Use of the substance: products such as for coating technology, high temperature fuel cells
*Company: PLANSEE SE, A-6600 Reutte, e-mail: environment.management@plansee.com und PLANSEE Composite Materials, Siebenbürgerstr.23, D-86983 Lechbruck
*Emergency number: phone +43(5672)600-0 and phone +49 (8862) 773-0

2. Hazards Identification

*Classification: not hazardous material pursuant to regulation (EC) no. 1272/2008 EC or EC Directive 67/548/EEC *Compact Metal / Alloy with no Risk to Human Health or the Environment.

3. Composition/Information on ingredients

*Summary: chromium
EC no. 231-157-5
CAS no. 7440-47-3
*Hazardous components: none

4. First-aid measures

*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.

5. Fire-fighting measures

*Suitable extinguishing media: The product itself is not flammable. *Adapt extinguishing measures to surroundings. *Special hazard: none *Protective equipment: none

6. Accidental release measures

*Personnel-related precautionary measures: dust should be suction cleaned directly at source. *Environmental protection measures: no particular environmental protection measures are required.

7. Handling and storage


8. Exposure controls/personal protection

*Exposure thresholds: workplace: 2 mg/m³ *Dust-like emissions: 2 mg/m³ *Wastewater emissions: 0,5 mg/l *Workplace exposure: install suction cleaning when working with dust and sublimate and use at least one FFP2 respirator. *Environmental exposure: install suction cleaning with filter when working with dust formation. *Do not empty into drains.

9. Physical and chemical properties

*Appearance: solid grey material. *Melting point: 1875°C *Density: 7,2 g/cm³ at 20°C *Solubility: insoluble in water.

10. Stability and reactivity

*Conditions to be avoided: none *Substances to be avoided: none

11. Toxicological information

*No known toxic effects.

12. Ecological information


13. Disposal considerations

*Dispose of residues as metal waste. *Obey national or regional regulations.

14. Transport information

*ADR / RID / ADN / IATA (ICAO) / IMDG: not a dangerous good pursuant to international transport regulations.

15. Regulatory information

*No labeling required. *The exposure thresholds given under item 8 pertain to Austrian legal regulations. *Obey national regulations.

16. Other information

*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.