

EU-Safety Data Sheets relating 91/155/EEC number: 102-302

Home Nr.: 102-302 Revise at: 01.2010
Name of Cmrce. **NiCrMo-Sold I, NiCr Welding Wire**
Version: 1.0 Class of: 01.2010
Product no.: **102-302-00, 528-220-00**
Code:

01. Identification of the Substance and of the Company

Product Definition

Name of Cmrce.: NiCrMo-Sold I, NiCr Welding Wire
Product-Infos: Solder NiCrMo-based, Welding Wire NiCr-based
Manufacturer: DENTAURUM GmbH & Co. KG
Turnstraße 31 D-75228 Ispringen

Information from

Emergency-Info: Dentaureum Chemie
0049-7231/803-190

02. Composition/Information on Ingredients

Chemical Nature:

REF 102-302-00 NiCrMo-Sold I: Ni 65-68%, Cr 18-19%, Mo 8,5-9,5%, Si 6-7,5%, B 0,9-1,5%
REF 528-220-00 NiCr Welding Wire: Ni 61%, Cr 21,5%, Mo 9%, Fe 2,5%, Si/Mn/Al/Ti/C <1%

Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
7440-47-3 Chromium			
7440-02-0 Nickel		Xn	43
7439-98-7 Molybdenum			

03. Hazards Identification

10110 No special hazards have to be mentioned.

04. First-Aid Measures

- First aid measures / skin contact
After contact with molten product cool quickly with cold water

05. Fire-fighting Measures

- Suitable extinguishing materials
Product itself is non-combustible; Fire extinguishing method of surrounding areas must be discussed.

06. Accidental Release Measures

- methods for cleaning up/taking up
Take up mechanically

07. Handling and Storage

- Requirements for storage rooms and vessels
No special measures required

08. Exposure Controls/Personal Protection

- General protective measures
Avoid contact of molten material with skin

Ingredients relating to Workplace-Limits to get supervised

CAS number/Description:	Concentration:	Typ:	Value:
7440-47-3 Chromium		MAK	0,500 mg/m3 ml/m3
7440-02-0 Nickel		TRK	0,500 mg/m3 ml/m3
7439-98-7 Molybdenum		TRK	15,000 mg/m3 ml/m3

09. Physical and chemical Properties

- Form
solid
- Colour
silver-grey
- Odour
odourless
- REF 102-302-00 Solidus: 1115°C
- REF 102-302-00 Liquidus: 1165°C
- Solubility in water / remarks
insoluble

10. Stability and Reactivity

- Hazardous reactions
No hazardous reactions known.
- Hazardous decomposition products
No hazardous decomposition products known.

11. Toxicological Information

- Experiences made in practice
If treated with due, no damages to one's health are known

12. Ecological Information

- General information / ecology
Product is insoluble in water

13. Disposal Considerations

- Disposal / product
For recycling, consult waste disposal centres

14. Transport Information

No dangerous good

15. Regulatory Information

- Labelling
The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

16. Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
