



Safety Data Sheet
acc. to EC standard 91/155/EWG
UTP A 068HH

EGSDB
133800e
22.10.1997
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1 Product name / Trademark

nickel alloy

1.1 Details of product

Trade marks: **UTP A 068HH**

1.2 Manufacturer / Supplier

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2 Composition / Details of components

compound	content(%)	CAS-Nr.	EINECS-Nr.	mark	R-phrases
Nickel (Ni)	Bal	7440-02-0	231-111-4	Xn	40-43
Manganese (Mn)	3	7439-96-5			
Chromium (Cr)	20	7440-47-3			
Iron (Fe)	0,8	7439-89-6			
Niobium (Nb)	2,7	7440-03-1			

3 Potential dangers

Special danger hints concerning man and environment:
Welding and cutting of the product may form cancer-causing nickel manganese- and chromium-IV-oxides/dust. The product contents more than 1% nickel. Alloy according to 88/197/EWG.

Classification: R40
R43

4 First aid / General hints

After inhalation: In case of illness patient should be moved to a well ventilated place. Should discomfort persist, seek medical advice.
Contact with skin: Wash skin with soap and copious of water
Contact with eyes: In the event of irritation , rinse with copious of. If irritation persists seek medical advice.
After swallowing: Rinse with water. Seek medical advice.

5 Steps in case of fire

Extinguisher: all extinguishing agents usable
In case of fire use respirator.

6 Steps in case of evaporation

Precautions for man : not available
Environmental measures : not available
Procedures for cleaning/absorption: refer Nr. 13

7 Handling and storage

7.1 Handling

Indications for safe handling: Good exhaust/ventilation system at working area, see § 5 of UVV-VGB 15 „Schweißen, Schneiden und verwandte Verfahren“.
Indications for combustion and explosion safety: Keep extinction material out of sewerage, ground or waters.
Take care of sufficient extinguishing possibilities.



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Primary irritation
to skin: continual contact with nickel may cause dermatitis to sensitive persons
to eyes:
sensitivity possible by skin contact
According to EG Carc.Cat. 3 nickel may cause cancer.

12 Ecological details

General hints: Do not allow let in residues without pre-treating.
Water endangering class : 0

13 Hints for disposal of waste

Recommendation: metal recycling in accordance with the regulations issued by the appropriate local authorities
Used packing material: Cardboard/Plastic: dispose of in accordance with the regulations issued by the appropriate local authorities.

14 Details of transport

No dangerous good according to the regulations: ADR/RID/GGVS/GGVE, IMDG-Code, ICAO/IATA-DGR.

15 Directions

15.1 Markings according to EG-rules

The product is classified according to EG-Regulation.
Letter for marking: not necessary
Classification of danger:

R-letters: 40-43
S-letters: 22-36

15.2 National directions / Instructions

Classification acc. to rules GefStoffV: Carc. Cat.3 R40-43
Accident degree:
Classification acc. to rules of inflammable goods: not available
Hints for limited worktime:
Classification of danger to water-solubility: 0
Other directions:

16 Miscellaneous details

The information of this Data Sheet is based on the current state of knowledge. UTP disclaims any liability or responsibility towards users of the product supplied who fail to comply with the recommendations for use set out in this Data sheet.

Bibliography:

- Unfallverhütungsvorschrift (VBG 15) : Schweißen, Schneiden und verwandte Verfahren
- DSV-Merkblatt 1201: Absaugung an Schweißarbeitsplätzen
- DSV-Faltblätter zum Arbeitsschutz beim Schweißen
- DSV-Fachbuch: Unterweisung von Schweißern im Arbeitsschutz
- Kraume, Zober: Arbeitssicherheit und Gesundheitsschutz in der Schweißtechnik
- TRGS 900 (Technische Regeln für Gefahrstoffe)
- MAK- und BAT-Werte-Liste

Datasheet issuing area: Quality Assurance / Laboratory

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