

Safety Data Sheet

1. Name of Material/Company Trademark

Commercial name : REINFORCING NET
 Manufacturer/Supplier: INTERDENT d.o.o.
 Street : Opekarniška cesta 26
 Country code /Postal code/City: SI-3000 Celje
 Telephone/Fax : +386(0) 425-62-00, +368(0) 490 41 50
 Emergency phone : +386(0) 425-62-40

2. Hazards Identification

Human health hazards: Nickel as substance can cause carcinogenic effect and sensitization by skin contact.

3. Ingredient Content/Ingredient Information

CHEMICAL NAME	Index number EC number CAS number	Content %	Symbol	R-phrases S-phrases
Ni	028-002-00-7 231-111-4 7440-02-0	<30	Xn	R40-43 S22-36/37

Contents [%]									
Fe	C	Si	Mn	P	S	N	Cr	Ni	Mo
72.6393	0.097	0.40	1.15	0.025	0.0027	0.026	16.66	8.64	0.36

Net is covered by gold coating:.

4. First Aid Measures

General instructions: No special measures required.
After inhalation: If dust or other particles are generated during processing, it is necessary to provide adequate ventilation and/or respiration protection. If dust/particles have been aspirated seek for medical attention.
After skin contact: Instantly wash with water and soap and rinse thoroughly.
After eye contact: Rinse open lid for several minutes under running water.

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<i>After swallowing:</i>	Wash off mouth with water at first and then drink cca. 100mL of water. In case of persistent symptoms consult doctor.
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5. Fire Prevention Regulations

Suitable extinguishing agents: CO₂, foam, powder, water.

Unsuitable extinguishing agents: n.a.

Products of thermal decomposition: metal oxides.

Protective equipment: Put on breathing apparatuses.

Additional information: Collect contaminated fire fighting water separately. It must not enter the drains.

6. Accidental Substance Release Regulations

Personal protection: Avoid causing and breathing dust.

Measures for environmental protection: Do not allow product to enter sewage system or water.

Measures for cleaning/collecting: Dispose contaminated material according local law.

7. Handling and storage

Handling: Prevent formation of dust. If dust is formed, avoid breathing it. Avoid skin and eye contact.

Protection against explosion and fire: No special measures required.

Storage: n.a.

8. Exposure controls/personal protection

Occupational exposure limit

Chemical name: **Nickel**

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OEL (long term value): 0,5 mg/m³

Personal protective equipment

General protection and hygienic measures: Avoid close or long term contact with the skin.

Breathing equipment: Dust proof mask – particle filter mask filter P2.

Protection of hands: Protective gloves.

Eye protection: Not required.

9. Physical and chemical properties

Form: solid matter

Colour: gold

Odour: odourless

Boiling point: n.a.

Melting point: n.a.

Flash point: n.a.

Explosion limits: n.a.

Density at 20°C: > 3g/cm³

Water solubility: insoluble

10. Stability and reactivity

Thermal decomposition: None if used according to the specification.

Material to be avoided: None.

Dangerous reactions: No dangerous reaction known.

Dangerous products of decomposition: Metal oxides.

11. Toxicology information

The steels contain nickel (classified as a dangerous substance), chromium and manganese (with limit values, which are to be monitored.) In their normal solid state and in normal industrial use the steels are neither inhaled nor in permanent or long-term contact with the skin.

After skin contact: No irritant effects.

After eye contact: No irritant effects.

Possible sensitization by skin contact.

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12. Ecology information

Not soluble in water. Do not allow the product to enter sewage system..

13. Disposal instructions

Dispose according to the local law.

14. Transport Information

Not a dangerous product within the meaning of the transport regulations.

15. Regulations

Symbol: Not classified according legislation.

16. Other information

Information listed herein are based on the present studies and are not a warrant for product's characteristics. Product user is advised to keep to given regulations and requirements at his/her own risk.