



**Safety Data Sheet**

1907/2006/EU (Annex II, article 31) – 453/2010/EU

**STEEL MATRICES**

**POLYDENTIA SA**

Status 09.04.2015/AR

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**1.1 Identification of the substance/preparation and of the company**

Information on the product:

**Stainless Steel Matrices POLYDENTIA**

(various types, forms and thicknesses)

Medical Device Class I (according to 93/42/EEC) – Rule 5

Main use of the product: as a help for dental fillings

**1.2 Information on the manufacturer:**

Polydentia SA

Via Cantonale 47

6805 Mezzovico-Vira (Switzerland)

Phone: 0041 (0) 91 946 29 48

Fax : 0041 (0) 91 946 32 03

Email: info@polydentia.com

**1.3 Information provided by:**

Phone: +41 (0) 91 946 29 48

Emergency telephone: +41 (0) 91 946 29 48

**2. Composition**

<b>Substance</b>	<b>CAS-No.</b>
Chrome	7440-47-3
Nickel	7440-02-0
Manganese	7439-96-5
Traces of Carbon, Phosphorus, Sulphur and Silicium	

**3. Hazards identification**

Special hazards information for human and environment: not applicable

**4. First aid measures**

General information: no special measures necessary

Inhalation: not applicable

Contact with skin: not applicable

Contact with eyes: not applicable

Ingestion: Consult with a physician



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**5. Fire fighting measures**

Suitable extinguishing media: not applicable

Unsuitable extinguishing media for safety reasons: not applicable

Special exposure hazards: not applicable

Special protective equipment for fire fighting: not applicable

**6. Accidental release measures**

Precautionary measures related to people: not applicable

Environmental protective measures: not required

Methods for cleaning up: mechanical

**7. Handling and storage**

Handling: -

Storage: at room temperature, avoiding contact with acidic vapours

Further information about storage: not required

**8. Exposure controls / Personal protection**

Precautionary measures to be taken during use: usual in dental practice

Respiratory protection: not required

Hand protection: not required

Eye protection: not required

Skin protection: not required

Soft oral tissue protection: not required

**9. Physical and chemical properties**

Appearance: flexible bands of various forms, sizes and thicknesses

Odour: none

Colour: brilliant steel

pH: not applicable

Flammability: not applicable

Solubility: not applicable

Insolubility: not applicable

Density: not applicable

Melting point: not applicable

Boiling point: not applicable

Thickness: 0.025mm, 0.03mm, 0.04mm, 0.05mm

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**10. Stability and reactivity**

Shelf life: not applicable

Conditions to avoid: storage near acids

Material to avoid: acidic solution

Hazardous decomposition products: not applicable

**11. Toxicological information**

Not applicable; there are none unhealthy effects.

**12. Ecological information**

Not applicable

**13. Disposal consideration**

Recycling of the metals

N.B. Respect any national or regional provisions which may be in force.

**14. Transport information**

Land ADR/RID: No hazardous material

Sea IMO/IMDG: No hazardous material

Air transport ICAO-II/IATA-DGR: No hazardous material

Customs Harmonized Tariff: 9018.4900

**15. Regulatory information**

Mark as ECC-guideline

Not necessary to mark

National regulations

Classification as VFB

Not subordinated

R sets: none

S sets: none

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**16. Other information**

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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. The receiver of this product must take responsibility for observing existing laws and national regulations.

POLYDENTIA SA is not held liable for any damage resulting from handling or contact with above mentioned products.