

Safety Data Sheet  
 1907/2006/EU (Annex II, article 31) – 453/2010/EU  
**LumiContrast – Sectional 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:

**LumiContrast – Sectional Matrices**  
 (various types, forms and thicknesses)

Medical Device Class (according to 93/42/EEC):

**I - 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

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

## 2. Composition (Substance) – Stainless Steel

Substance	CAS-No.
Chrome	7440-47-3
Nickel	7440-02-0
Manganese	7439-96-5
Traces of Carbon, Phosphorus, Sulphur, Silicium and Molybdenum, Chromium Oxide	

## 3. Hazards identification

Physical and chemical hazards for people and environment: **none**  
 The product is not classified as dangerous according to EU Directive

## 4. First aid measures

General information: No special measures necessary  
 After inhalation: Material cannot be inhaled under normal conditions  
 After contact with skin: No special measures required  
 After contact with eyes: No special measures required  
 After ingestion: No first aid necessary

## 5. Fire fighting measures

Suitable extinguishing media: not applicable  
 Extinguishing media which must not be used for safety reasons: not applicable  
 Special hazards caused by the material, its products of combustion or flue gases: not applicable  
 Special protective equipment for fire fighting: not applicable  
 Combustion products: not applicable

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**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

Precautions for safe handling: No special protective measures required  
 Precautions against fire and explosion: No special precautions are required

Storage

Conditions for storage rooms and vessels: None known  
 Advice for storage of incompatible materials: Not applicable  
 Further information for storage: Keep the pack tightly close

**8. Exposure controls / Personal protection**

Additional information about the technical concept of the product: None  
 Exposure limited and controlled: Not applicable  
 General protection and hygiene measures: None required  
 Respiratory protection: Non 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  
 Thickness: 0.025mm, 0.04mm  
 Odour: odourless  
 Colour: dark blue  
 Ignition temperature: not applicable  
 Flash point: not applicable  
 Lower explosion limit: not applicable  
 Upper explosion limit: not applicable  
 Vapour pressure: not applicable  
 Density: 8 g/cm<sup>3</sup>  
 Water solubility: insoluble  
 Liposolubility: not applicable  
 pH-Value: not applicable  
 Viscosity: not applicable

**10. Stability and reactivity**

Shelf life: not applicable  
 Stability: Product is stable under normal handling and storage  
 Conditions to avoid: storage near acids  
 Materials to avoid: acidic solution  
 Dangerous products of decomposition: not applicable

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#### 11. Toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### 12. Ecological information

Product not soluble and not hazardous for water. No expected damaging effects to aquatic organisms. Material not biodegradable on the basis of its structure. Bioaccumulation is not expected to occur.

#### 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

None of the ingredients is listed  
Mark as ECC-guideline / Not necessary to mark  
National regulations / Classification as VFB / Not subordinated

Warning Label:  
R sets: none  
S sets: none

#### 16. Other information

FOR PROFESSIONAL USE ONLY

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.