

**E.C. – Safety Data Sheet
(91/155/EEC)
Quickmat Deluxe**

POLYDENTIA SA
Status 15.03.2012/AR
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Quickmat kit MSDS composition:

- MSDS Quick rings
- MSDS Re-Force insert
- MSDS Steel Matrices
- MSDS Wood Wedges
- MSDS Silicone Tubes – Delta silicone tubes



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(91/155/EEC)
QUICK RINGS**

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1.1 Identification of the substance/preparation and of the company

Information on the product:

Quick rings

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

CH-6805 Mezzovico-Vira

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

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: non applicable

Unsuitable extinguishing media for safety reasons: not applicable

Special exposure hazards: non 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: Round wire

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: Wire Ø1.5mm



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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

16. Other information

Recommended use: for dental professional use only
Restriction of use: other than dental

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RE-FORCE INSERT**

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1.1 Identification of the substance/preparation and of the company

Information on the product:
“**Re-Force Insert**”

Medical Device Class (according to 93/42/EEC): I – Rule 5
Main use of the product: **Option for Quick rings**

1.2 Information on the manufacturer:

Polydentia SA
Strada Cantonale
CH-6805 Mezzovico-Vira
Phone: +41 (0) 91 946 29 48
Fax : +41 (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)

HT-Polyamide Glass reinforced

3. Hazards identification

Physical and chemical hazards for people and environment: none
The preparation is not classified as dangerous according to Directive 1999/45/EC.

4. First aid measures

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: Extinguishing powder, foam, sand, CO₂
Extinguishing media which must not be used for safety reasons: None known
Special hazards caused by the material, its products of combustion or flue gases: Hydrogen cyanide (HCN), Carbon monoxide (CO)
Protective equipment for fire fighting: No special measures required.

6. Accidental release measures

Personal precautions: No special measures required.
Environmental precautions: Avoid spreading and prevent the product from entering sewers or surface waters.
Methods for cleaning up: Sweep and scrap into a waste bin.

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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: solid

Odour: odourless

Colour: Various Colors

Melting Point/Melting Range : 260 °C

Boiling Point/Boiling Range : Not applicable

Flash point: not applicable

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Vapour pressure: not applicable

Density at 20°C : >1 g/cm³

Water solubility: insoluble

10. Stability and reactivity

Thermal decomposition / Condition to be avoided: No decomposition if used according to specifications

Dangerous reactions : No dangerous reactions known

Dangerous products of decomposition : No dangerous decomposition products known

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.



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12. Ecological information

Product not soluble and not hazardous for water.

13. Disposal consideration

Avoid spreading and prevent the product from entering sewers or surface waters.
Used products can be discharged into a waste bin, according to any national or regional provisions which may be in force.

14. Transport information

Land ADR/RID: No hazardous material
Sea: INO/IMDG: No hazardous material
Air transport ICAO-II/IATA-DGR: No hazardous material
UN regulation: - /

Customs Harmonized Tariff No. 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

Recommended use: for dental professional use
Restriction of use: keep away from children

This Safety Data Sheet completes the Technical Data Sheet of the product, but it doesn't replace it.
It is based on our present-day knowledge and has been issued according to the Safety Data Sheet of the raw material supplier.

**E.C. – Safety Data Sheet
(91/155/EEC)
STEEL MATRICES**

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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
CH-6805 Mezzovico-Vira
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

Substance	CAS-No.
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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STEEL MATRICES**

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5. Fire fighting measures

Suitable extinguishing media: non applicable

Unsuitable extinguishing media for safety reasons: not applicable

Special exposure hazards: non 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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STEEL MATRICES**

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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

16. Other information

Recommended use: for dental professional use only
Restriction of use: other than dental

1.1 Identification of the substance/preparation and of the company

Information on the product:

Interdental Wood Wedges POLYDENTIA

(various types and lengths, plain or colour coded)

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

Main use of the product: help for cavity preparation during restorative procedures

1.2 Information on the manufacturer:

Polydentia SA
 CH-6805 Mezzovico-Vira
 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

Substances

CAS Nr.

Maple wood, Birch wood, Lime wood

If colour coded, food dyes:

Pink: E-124

2611-82-7

Blue: E-131

20262-76-4

Green: E-104 + E-131

8004-92-0 & 20262-76-4

Yellow: E-104

8004-92-0 (95193-83-2)

Plain: -

-

3. Hazards identification

To man: Irritation in case of hard contact with oral tissues

To environment: No anticipated hazard to environment

4. First aid measures

After inhalation: no need for first aid is anticipated

After contact with skin: no need for first aid is anticipated

After contact with tissue contact: no need for first aid is anticipated

After contact with eyes: get medical attention

After ingestion: consult with a physician.

Other recommendations: none

5. Fire fighting measures

Suitable extinguishing media: Water spray

Unsuitable extinguishing media for safety reasons: none

Special exposure hazards: none

Special protective equipment for fire fighting: none

6. Accidental release measures

Precautionary measures related to people: not applicable

Environmental protective measures: not required

Methods for cleaning up: sweep

7. Handling and storage

Handling: -

Storage: in well closed original container, at room temperature

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: solid (wedge)

Odour: odourless

Colour: plain, pink, blue, green, yellow, white

pH: not applicable

Flammability: yes

Solubility: not applicable

Insolubility: not applicable

Density: not applicable

Melting point: not applicable

Boiling point: - not applicable

Other data: Five lengths 11mm pink, 12mm blue, 13mm green, 15mm yellow, 17mm white



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WOOD WEDGES**

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10. Stability and reactivity

Stability: stable
Conditions to avoid: humidity, all sources of ignition
Material to avoid: none
Hazardous decomposition products: none

11. Toxicological information

Not reported

12. Ecological information

Not determined
N.B. Information relevant to the environment is provided, in case of need, in other section of the data sheet.

13. Disposal consideration

Dustbin

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

14. Transport information

Land ADR/RID : No hazardous material
Sea: INO/IMDG : No hazardous material
Air transport ICAO-II/IATA-DGR : No hazardous material
UN regulation: - /
Customs Harmonized Tariff No. 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

16. Other information

Recommended use: for dental professional use only
Restriction of use: keep away from children

**E.C. – Safety Data Sheet
(91/155/EEC)
SILICONE TUBES – DELTA SILICONE TUBES**

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1.1 Identification of the substance/preparation and of the company

Information on the product:
“Silicone tubes” and “Delta silicone tubes”

Medical Device Class (according to 93/42/EEC): I – Rule 5
Main use of the product: **Option for Quick rings**

1.2 Information on the manufacturer:

Polydentia SA
Strada Cantonale
CH-6805 Mezzovico-Vira
Phone: +41 (0) 91 946 29 48
Fax : +41 (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)

Polydimethylsiloxane with vinyl groups, auxiliary and pigments

3. Hazards identification

Physical and chemical hazards for people and environment: none
The preparation is not classified as dangerous according to Directive 1999/45/EC.

4. First aid measures

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: Extinguishing powder, foam, sand, CO₂
Extinguishing media which must not be used for safety reasons: None known
Special hazards caused by the material, its products of combustion or flue gases: None known
Special protective equipment for fire fighting: Use respiratory protection independent of recirculated air and suitable protective garments.
Combustion products: Silicon dioxide, traces of carbon oxide, carbon dioxide and formaldehyde.

6. Accidental release measures

Personal precautions: No special measures required.
Environmental precautions: Avoid spreading and prevent the product from entering sewers or surface waters.
Methods for cleaning up: Sweep and scrap into a waste bin.

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SILICONE TUBES – DELTA SILICONE TUBES**

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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: solid, elastic

Odour: odourless

Colour: according to product specification (transparent or in various colours)

Ignition temperature: >400 °C

Flash point: not applicable

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Vapour pressure: not applicable

Density: 1,17 g/cm³

Water solubility: insoluble

Liposolubility: not applicable

pH-Value: not applicable

Viscosity: not applicable

10. Stability and reactivity

Stability: Product is stable under normal handling and storage.

Conditions to avoid: Remove all sources of ignition, avoid storing in moist and warm conditions.

Materials to avoid: None known.

Dangerous products of decomposition: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 400 °C (302 °F).

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SILICONE TUBES – DELTA SILICONE TUBES**

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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

Avoid spreading and prevent the product from entering sewers or surface waters.
Used products can be discharged into a waste bin, according to any national or regional provisions which may be in force.

14. Transport information

Land ADR/RID: No hazardous material
Sea: INO/IMDG: No hazardous material
Air transport ICAO-II/IATA-DGR: No hazardous material
UN regulation: - /

Customs Harmonized Tariff No. 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

Recommended use: for dental professional use
Restriction of use: keep away from children

This Safety Data Sheet completes the Technical Data Sheet of the product, but it doesn't replace it. It is based on our present-day knowledge and has been issued according to the Safety Data Sheet of the raw material supplier.