

Material Safety Data Sheet according to (EC) 1907/2006



Tradename:

UNIQ+ pd strip

Status: 08.05.2024
Page: 1 von 5

Section 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Name of product: UNIQ+ pd strip

Product group:

UFI:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Thermoplastic foils for the manufacture of appliances and splints for dental and orthodontic treatments.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Distributor

SCHEU-DENTAL GmbH
Am Burgberg 20
D-58642 Iserlohn
Tel. +49 (2374) 9288-0
Fax +49 (2374) 9288-90

eMail: service@SCHEU-DENTAL.com
Internet: www.SCHEU-DENTAL.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

The mixture is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No 1272/2008 [CLP]

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008

2.2 Label elements

None

Section 3. Composition / information on ingredients

3.2 Mixtures

Chemical characterization

Copolyester / Polyethylene (PE)

With a removable protective film!

CAS-Number:

Section 4. First aid measures

4.1 Description of first aid measures

General information

When using do not eat, drink or smoke.
Provide suction extractors if dust is formed.

After inhalation

No further information available.

After contact with skin

No further information available.

After contact with eyes

No further information available.

Tradename:

UNIQ+ pd strip

Status: 08.05.2024
Page: 2 von 5

After ingestion

No further information available.

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder, Water mist

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

No further information available.

5.3 Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Safe handling: see section 7

Personal protection equipment: see section 8

6.2 Environmental precautions

No further information available.

6.3 Methods and material for containment and cleaning up

No further information available.

Section 7. Handling and Storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion

7.2 Conditions for safe storage, including any incompatibilities

Advice on storage compatibility

Store dry and dark at 5 - 35 °C.

7.3 Specific end use(s)

Thermoplastic foils for the manufacture of appliances and splints for dental and orthodontic treatments.

Further information on storage conditions

No further information available.

Section 8. Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

Protective and hygiene measures

None

Eye/face protection

None

Hand protection

None

Tradename:

UNIQ+ pd stripStatus: 08.05.2024
Page: 3 von 5**Skin protection**

None

Respiratory protection

Provide suction extractors if dust is formed.

Environmental exposure controls

No further information available.

Section 9. Physical and chemical properties**9.1 Information on basic physical and chemical properties****General properties**

| Properties | Guideline | Value |
|--------------------------------------|-------------|------------------------|
| Physical state | - | solid |
| Colour | - | transparent |
| Odour | - | odourless |
| Density | ASTM D 1505 | 1,19 g/cm ³ |
| Water absorption after 24 h at 23 °C | ASTM D 570 | 0.5 % |
| Mechanical properties | | |
| Tensile strength | ASTM D 882 | 41 Mpa |
| E-modulus | ASTM D 882 | 1462 MPa |
| Elongation at yield | ASTM D 882 | 7 % |
| Elongation at break | ASTM D 882 | 179 % |
| Thermal properties | | |
| Glass transition temperature | DSC | 110 °C |

Section 10. Stability and reactivity**10.2 Chemical stability**

No decomposition by intended use.

10.3 Possibility of hazardous reactions

No further information available.

10.4 Conditions to avoid

The product must not be got into groundwater, waters or canalisation.

10.6. Hazardous decomposition products

No decomposition by intended use.

Section 11. Toxicological Information**11.1 Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Tradename:

UNIQ+ pd strip

Status: 08.05.2024
Page: 4 von 5

Carcinogenic / mutagenic / toxic / effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Further information

A biological evaluation was carried out for the material in accordance with DIN EN ISO 10993-1. It meets the requirements regarding biocompatibility for medical devices.

Section 12. Ecological Information

12.1 Toxicity

A biological evaluation was carried out for the material in accordance with DIN EN ISO 10993-1. It meets the requirements regarding biocompatibility for medical devices.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT an vPvB assessment

No further relevant information available.

12.6. Endocrine disrupting properties

No further relevant information available.

12.7. Other adverse effects

No further relevant information available.

Further information

Section 13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal

The material can be recycled after separation or disposed of like commercial or household waste. Dispose according to legislation.

Section 14. Transport Information

No hazardous material according to transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No applicable

Section 15. Regulatory Information

15.1 Safety, health an environmental regulations/legislation specific for the substance or mixture

National regulatory information

Additional Information

Tradename:

UNIQ+ pd strip

Status: 08.05.2024
Page: 5 von 5

15.2 Chemical Safety Assessment

Chemical safety assessments for this material was not carried out.

Section 16. Other Information

Further information

The aforementioned data are given most conscientiously but without any obligation. Any processing details are provided merely for guidance: it is the user's responsibility to check the suitability of the product for the intended application.

Serious incidents in connection with the use of the product shall be reported immediately to the manufacturer and the competent authority.