

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Substance / mixture
UFI

Poli3Dent Cast

mixture

GYR2-80E2-M002-0WVQ

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

Mixture's intended use

For milling metal casting frames.
For professional use.

Main intended use

PC-UNC Chemical products - uncategorised

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name
Address
VAT Reg No
Phone
E-mail

Polident d.o.o., Dental Products Industry
Volčja Draga 42, Volčja Draga, 5293
Slovenia
SI31319297
00386 5 3304840, Fax: 00386 5 3304870
polident@polident.si

Competent person responsible for the safety data sheet

Name
E-mail

Polident d.o.o., Dental Products
Industry
polident@polident.si

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Sens. 1B, H317
Aquatic Chronic 3, H412

Most serious adverse effects on human health and the environment

May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazardous substances

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Hazard statements

H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing mist/vapours/spray.

SAFETY DATA SHEET

PoliDent

according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

P273 Avoid release to the environment.
P280 Wear protective gloves.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container to in accordance with national regulations.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.
Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--|--|---------------------|---|------|
| Index: 607-767-00-6 CAS: 72869-86-4 EC: 276-957-5 Registration number: 01-2120751202-68 | 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate | 65-70 | Skin Sens. 1B, H317 | |
| CAS: 6606-59-3 EC: 229-551-7 Registration number: 01-2120760621-59 | 1,6-hexanediyi bismethacrylate | 10-20 | Aquatic Chronic 3, H412 | |
| CAS: 3290-92-4 EC: 221-950-4 Registration number: 01-2119542176-41 | Trimethylolpropane trimethacrylate | 10-20 | Aquatic Chronic 2, H411 Specific concentration limit: ATE Oral = 5660 mg/kg bw ATE Dermal = 17120 mg/kg bw | |
| Index: 015-203-00-X CAS: 75980-60-8 EC: 278-355-8 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 0.5-1.5 | Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411 | 1 |

Notes

1 Substance of very high concern - SVHC.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Depending on the situation, call medical rescue service or ensure medical treatment.

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

4.2. Most important symptoms and effects, both acute and delayed

If inhaled

Not expected.

If on skin

May cause an allergic skin reaction. Irritation, itching, redness.

If in eyes

Not expected.

If swallowed

Irritation, nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Do not inhale smoke/gases produced by fire or heating. Do not intervene if it endangers your health or if you are not properly trained. Full protective clothing (EN 469:2020), helmet (EN 443:2008), protective boots (EN 15090:2012), gloves (EN 659:2003+A1:2008/AC:2009), and self-contained breathing apparatus (EN 137:2006). Stop leak if safe to do so. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.
Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains. In the event of substantial pollution, contact respective authorities and wastewater treatment plants.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

Small amount of the product can be wiped out with dry cloth. Ventilate the room.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SAFETY DATA SHEET

PoliDent



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Poli3Dent Cast

| | | | |
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| Revision date | | | |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Only adequate trained persons may deal with product. For use in dentistry only.

Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Protect from light.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

| Trimethylolpropane trimethacrylate | | | | |
|---|-------------------|-------------------------|--------------------------|------------|
| Workers / consumers | Route of exposure | Value | Effect | Source |
| Workers | Inhalation | 29.6 mg/m ³ | Chronic effects systemic | ECHA REACH |
| Workers | Dermal | 42 mg/kg bw/day | Chronic effects systemic | ECHA REACH |
| Workers | Dermal | 9.33 mg/cm ² | Chronic effects local | ECHA REACH |
| Consumers | Inhalation | 5.2 mg/m ³ | Chronic effects systemic | ECHA REACH |
| Consumers | Dermal | 15 mg/kg bw/day | Chronic effects systemic | ECHA REACH |
| Consumers | Dermal | 4.67 mg/cm ² | Chronic effects local | ECHA REACH |
| Consumers | Oral | 1.5 mg/kg bw/day | Chronic effects systemic | ECHA REACH |

PNEC

| Trimethylolpropane trimethacrylate | | |
|---|--|------------|
| Route of exposure | Value | Source |
| Freshwater environment | 2.76 µg/l | ECHA REACH |
| Marine water | 0.276 µg/l | ECHA REACH |
| Water (intermittent release) | 20 µg/l | ECHA REACH |
| Microorganisms in sewage treatment | 10 mg/l | ECHA REACH |
| Freshwater sediment | 0.495 mg/kg of dry substance of sediment | ECHA REACH |
| Sea sediments | 0.05 mg/kg of dry substance of sediment | ECHA REACH |
| Soil (agricultural) | 0.097 mg/kg of dry substance of soil | ECHA REACH |

Other information of limit values

EN 689:2018+AC:2019 Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values.

EN 482:2021 Workplace exposure - Procedures for the determination of the concentration of chemical agents.

8.2. Exposure controls

Take off contaminated clothing and wash before reuse.

Do not eat, drink and smoke during work.

Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

If there is a risk of splashing into the eyes, use safety glasses with side protection (EN ISO 16321-1:2022).

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

Skin protection



Hand protection: Protective gloves resistant to the product. EN ISO 374-1.

Protective gloves against chemical risks (Material: according to manufacturer's instructions; Penetration time: > 480 min; Thickness: 0.062 mm). When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Change gloves if contamination occurs or if the duration of the activity exceeds the breakthrough time. Breakthrough time of glove material: see information from the glove manufacturer.

Respiratory protection

Under regular circumstances it is not necessary.

In case of inadequate ventilation wear respiratory protection. Half mask with vapour filter (ABEK) - EN 405:2002+A1:2010, EN 136:1998/AC:2004, EN 14387:2021.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--------------------|
| Physical state | liquid |
| Colour | blue |
| Odour | data not available |
| Melting point/freezing point | data not available |
| Boiling point or initial boiling point and boiling range | data not available |
| Flammability | data not available |
| Lower and upper explosion limit | data not available |
| Flash point | >60 °C |
| Auto-ignition temperature | data not available |
| Trimethylolpropane trimethacrylate (CAS: 3290-92-4) | 360 °C |
| Decomposition temperature | data not available |
| pH | 6-9 (undiluted) |
| Kinematic viscosity | data not available |
| Solubility in water | data not available |
| Partition coefficient n-octanol/water (log value) | data not available |
| 1,6-hexanediyl bismethacrylate (CAS: 6606-59-3) | 4.08 |
| 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12- diazahexadecane-1,16-diyl bismethacrylate (CAS: 72869-86-4) | 3.39 |
| Trimethylolpropane trimethacrylate (CAS: 3290-92-4) | 4.19 |
| Vapour pressure | data not available |
| Density and/or relative density | data not available |
| Relative vapour density | data not available |
| Particle characteristics | data not available |
| 9.2. Other information | |
| Summary formula | data not available |
| Trimethylolpropane trimethacrylate (CAS: 3290-92-4) | C18H26O6 |

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under normal conditions.

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COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use.

10.5. Incompatible materials

Unknown.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

Acute toxicity

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

1,6-hexanediyl bismethacrylate

| Route of exposure | Parameter | Value | Exposure time | Species | Sex | Value determination |
|-------------------|------------------|--------------|---------------|---------|-----|---------------------|
| Oral | LD ₅₀ | >15000 mg/kg | | Rat | | Literary studies |

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

| Route of exposure | Parameter | Value | Exposure time | Species | Sex | Value determination |
|-------------------|------------------|----------------|---------------|---------|-----|---------------------|
| Oral | LD ₅₀ | >5000 mg/kg bw | | Rat | | |
| Dermal | LD ₅₀ | >2000 mg/kg | | Rat | | |

Trimethylolpropane trimethacrylate

| Route of exposure | Parameter | Value | Exposure time | Species | Sex | Value determination |
|-------------------|------------------|----------------|---------------|---------|-----|---------------------|
| Oral | LD ₅₀ | 2000 mg/kg | | Rat | | |
| Dermal | LD ₅₀ | 2000 mg/kg | | Rat | | |
| Oral | ATE | 5660 mg/kg bw | | | | |
| Dermal | ATE | 17120 mg/kg bw | | | | |

Skin corrosion/irritation

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

Trimethylolpropane trimethacrylate

| Route of exposure | Result | Exposure time | Species |
|-------------------|----------------|---------------|---------|
| | Not irritating | | |

Serious eye damage/irritation

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

Trimethylolpropane trimethacrylate

| Route of exposure | Result | Exposure time | Species |
|-------------------|----------------|---------------|---------|
| | Not irritating | | |

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Trimethylolpropane trimethacrylate

| Route of exposure | Result | Exposure time | Species | Sex |
|-------------------|-----------|---------------|---------|-----|
| | No effect | | | |

Germ cell mutagenicity

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

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

| Result | Exposure time | Specific target organ | Species | Sex |
|----------|---------------|-----------------------|---------|-----|
| Negative | | | | |

Trimethylolpropane trimethacrylate

| Result | Exposure time | Specific target organ | Species | Sex |
|-----------|---------------|-----------------------|---------|-----|
| No effect | | | | |

Carcinogenicity

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

1,6-hexanediyl bismethacrylate

| Route of exposure | Parameter | Value | Exposure time | Result | Species | Sex |
|-------------------|-----------|--------------|---------------|--------|---------|-----|
| Oral | NOAEL | 300 mg/kg bw | 2 years | | | M |

Trimethylolpropane trimethacrylate

| Route of exposure | Parameter | Value | Exposure time | Result | Species | Sex |
|-------------------|-----------|-------|---------------|-----------|---------|-----|
| | | | | No effect | | |

Reproductive toxicity

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

Trimethylolpropane trimethacrylate

| Effect | Parameter | Value | Result | Species | Sex |
|--------|-----------|-------|-----------|---------|-----|
| | | | No effect | | |

Toxicity for specific target organ - single exposure

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

Trimethylolpropane trimethacrylate

| Route of exposure | Parameter | Value | Result | Species | Sex |
|-------------------|-----------|-------|-----------|---------|-----|
| | | | No effect | | |

Toxicity for specific target organ - repeated exposure

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

Trimethylolpropane trimethacrylate

| Route of exposure | Parameter | Value | Result | Species | Sex |
|-------------------|-----------|-------|-----------|---------|-----|
| | | | No effect | | |

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

Aspiration hazard

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

Trimethylolpropane trimethacrylate

| Route of exposure | Result | Exposure time | Species | Sex |
|-------------------|-----------|---------------|---------|-----|
| | No effect | | | |

11.2. Information on other hazards

Endocrine disrupting properties

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

Does not contain any components that may cause endocrine disruption for humans.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Prevent uncontrolled release to the environment.

Acute toxicity

1,6-hexanediyl bismethacrylate

| Parameter | Value | Exposure time | Species | Environment |
|------------------|----------|---------------|--------------------------|-------------|
| LC ₅₀ | 4.5 mg/l | 96 hours | Fish (Brachydanio rerio) | |

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

| Parameter | Value | Exposure time | Species | Environment |
|------------------|------------|---------------|---------------------------------|-------------|
| LC ₅₀ | 10.1 mg/l | 96 hours | Fish (Danio rerio) | |
| EC ₅₀ | >1.2 mg/l | 48 hours | Daphnia (Daphnia magna) | |
| EC ₅₀ | >0.68 mg/l | 72 hours | Algae (Desmodesmus subspicatus) | |

Trimethylolpropane trimethacrylate

| Parameter | Value | Exposure time | Species | Environment |
|------------------|-----------|---------------|---------|-------------|
| LC ₅₀ | 2 mg/kg | | Fish | |
| EC ₅₀ | 9.22 mg/l | | Daphnia | |

Chronic toxicity

1,6-hexanediyl bismethacrylate

| Parameter | Value | Exposure time | Species | Environment |
|-----------|------------|---------------|---------|-------------|
| NOEC | 0.138 mg/l | 32 days | Fish | |

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

| Parameter | Value | Exposure time | Species | Environment |
|-----------|-----------|---------------|---------------------------------|-------------|
| NOEC | 0.21 mg/l | | Algae (Desmodesmus subspicatus) | |

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

Creation date 04th June 2025
Revision date Version 1.0

Trimethylolpropane trimethacrylate

| Parameter | Value | Exposure time | Species | Environment |
|-----------|-------------|---------------|---------|-------------|
| NOEC | 0.138 mg/l | | Fish | |
| NOEC | 0.0177 mg/l | | Algae | |

12.2. Persistence and degradability

Data for the mixture are not available.

Biodegradability

1,6-hexanediyl bismethacrylate

| Parameter | Value | Exposure time | Environment | Result |
|-----------|--------|---------------|-------------|--------|
| | 91.1 % | 28 days | | |

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

| Parameter | Value | Exposure time | Environment | Result |
|-----------|-------|---------------|-------------|----------------------|
| | | | | Hardly biodegradable |

Trimethylolpropane trimethacrylate

| Parameter | Value | Exposure time | Environment | Result |
|-----------|-------|---------------|-------------|--------|
| | 53 % | | | |

12.3. Bioaccumulative potential

Data for the mixture are not available.

1,6-hexanediyl bismethacrylate

| Parameter | Value | Exposure time | Species | Environment | Temperature [°C] | Source |
|-----------|-------------|---------------|---------|-------------|------------------|--------|
| BCF | 1.220-1.346 | | | | | REACH |

Trimethylolpropane trimethacrylate

| Parameter | Value | Exposure time | Species | Environment | Temperature [°C] | Source |
|-----------|-------|---------------|---------|-------------|------------------|--------|
| Log Pow | 4.39 | | | | | |
| Log Kow | 4.19 | | | | | |

12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met.
Does not contain any PMT or vPvM components.

1,6-hexanediyl bismethacrylate

| Parameter | Value |
|-----------|-------|
| Log Koc | 2.7 |

Trimethylolpropane trimethacrylate

| Parameter | Value |
|-----------|-------|
| Log Koc | 3.25 |

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met.
Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

SAFETY DATA SHEET

PoliDent



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Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
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| Revision date | | | |

Based on the available data, the criteria for classification of the mixture are not met.
Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity.

Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste.

Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.
Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Always transport closed containers in the upright position. Make sure that the person transporting the product knows the ways of handling the product in the event of accident. Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

| | |
|------|--|
| H317 | May cause an allergic skin reaction. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P261 Avoid breathing mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container to in accordance with national regulations.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR Agreement concerning the international carriage of dangerous goods by road

AGW Occupational Exposure Limits

Aquatic Chronic Hazardous to the aquatic environment (chronic)

BCF Bioconcentration Factor

CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

EC Identification code for each substance listed in EINECS

EC₅₀ Concentration of a substance when it is affected 50 % of the population

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan

EU European Union

EuPCS European Product Categorisation System

IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals

ICAO International Civil Aviation Organization

IMDG International Maritime Dangerous Goods

IMO International Maritime Organization

INCI International Nomenclature of Cosmetic Ingredients

ISO International Organization for Standardization

IUPAC International Union of Pure and Applied Chemistry

LC₅₀ Lethal concentration of a substance in which it can be expected death of 50% of the population

LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population

log K_{ow} Octanol-water partition coefficient

MAK Maximum workplace concentration

NOAEL No observed adverse effect level

NOEC No observed effect concentration

OEL Occupational Exposure Limits

PBT Persistent, bioaccumulative and toxic

PMT Persistent, mobile and toxic

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

Repr. Reproductive toxicity

RID Agreement on the transport of dangerous goods by rail

Skin Sens. Skin sensitization

UN number Four-figure identification number of the substance or article taken from the UN Model Regulations

UVCB Substances of unknown or variable composition, complex reaction products or biological materials

VOC Volatile organic compounds

vPvB Very persistent and very bioaccumulative

vPvM Very persistent and very mobile

SAFETY DATA SHEET

PoliDent



according to Regulation (EC) No 1907/2006 (REACH) as amended -
COMMISSION REGULATION (EU) 2020/878

Poli3Dent Cast

| | | | |
|---------------|----------------|---------|-----|
| Creation date | 04th June 2025 | Version | 1.0 |
| Revision date | | | |

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Safety Data Sheet created by CHEM CONSULTING (www.chem-consulting.si)

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.