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SAFETY DATA SHEET ACRYLIC RESIN TEETH DPDDFS-007

1 IDENTIFICATION OF PRODUCT

- 1.1 Chemical Name: Not applicable.
- 1.2 Generic Name: Acrylic resin teeth.
- 1.3 Synonyms: Acrylic teeth, artificial acrylic resin teeth, synthetic resin teeth.
- 1.4 Recommended use and restrictions of product use: Product intended to the elaboration of partial or total dental prostheses.
- 1.5 Emergency phone number: in case of emergency contact the Coordination of Safety and Health at the Workplace (57 60 4) 403 87 60, ext.1304

2 IDENTIFICATION OF HAZARDS

2.1 GHS Classification:

Health	Environmental	Physical
Non-harmful	Non-harmful	Non-harmful

2.2 GHS Labeling:

Symbol	Signal word	Hazard indication
None required	None required	None required

- 2.3 Precautionary indications: Not applicable.
- 2.4 Appearance in case of emergency: Production of vapors at a temperature above 250°C (482°F), as a result of its thermal decomposition.
- 2.5 Potential adverse effects on health: None.
- 2.6 NFPA: Health = 0, Flammability = 0, Reactivity = 0
- 2.7 OSHA Regulatory state: Not available.

3 INFORMATION ABOUT COMPOSITION

HAZARDOUS COMPONENTS		
Common name	Concentration	CAS Number
None	None	None

NON-HAZARDOUS COMPONENTS		
Common name	Concentration	CAS Number
Poly methyl methacrylate	Industrial secret	9011-14-7
Ethylene glycol dimethacrylate	Industrial secret	97-90-5
Pigments	Industrial secret	Not available
Fluorescent additive	Industrial secret	658084-50-5

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Class	Page	Approved by:	Update:	Version
E	1 of 5	Technical Director of Medical Devices	2022-08-25	06

REFERENCE DOCUMENT: DPDDPR-003

UPDATE: 2020-11-17

VERSION: 06



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4 FIRST AID MEASURES

4.1 Emergency and first aid procedures in case of:

- Inhalation: In case of irritation, move the injured victim to a fresh air ventilated place.
- Contact with eyes: Clean open eyes for several minutes under running water. If symptoms persist, visit the doctor.
- Contact with skin: There are no associated implications.
- Ingestion: There are no associated implications.

4.2 Most important symptoms/effects (acute and/or delayed): This product is a solid non-harmful polymer. The dust generated by the polishing procedure may cause irritation in eyes or in respiratory tract.

4.3 Antidote: Not applicable.

4.4 Information for doctors: Not applicable.

5 FIRE FIGHTING MEASURES

5.1 Flammability properties: Non-flammable material.

5.2 Suitable extinction of fire: Water.

5.3 Unsuitable extinction of fire: Not available.

5.4 Instructions for fire extinguishing: Use autonomous breathing equipment and safety clothing.

5.5 Firefighters' protection: Stop the combustible supply. Call immediately the firefighters. Evacuate the no indispensable personnel.

5.6 Protective equipment and firefighters' protection: The firefighters' personnel must have adequate clothing and autonomous breathing equipment.

6 ACCIDENTAL RELEASE MEASURES

6.1 Techniques, procedures, materials and protective equipment in case of:

- Small spill: Pick up product manually.
- Large spill: Sweep and pick up product manually.

6.2 Environmental precautions: No special measures are required, however take into account the conditions required by local and national authorities.

6.3 Further considerations: None.

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Class	Page	Approved by:	Update:	Version
E	2 of 5	Technical Director of Medical Devices	2022-08-25	06

REFERENCE DOCUMENT: DPDDPR-003

UPDATE: 2020-11-17

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SAFETY DATA SHEET
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DPDDFS-007

7 HANDLING AND STORAGE OF PRODUCT

- 7.1 Handling: No special handling measures required.
7.2 Storage: Storage this product in a cool and dry area, at a temperature not higher than 30 °C (86 °F).

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Conditions to control the exposure: No specific controls to exposure are required.
8.2 Engineering controls: Ensure sufficient ventilation / suction in the workstation.
8.3 Personal protective equipment: No specific equipment is required. Use a mask with particle filter in case of dust generation, and protective goggles if teeth are being polished.
8.4 Exposure parameters: Not applicable.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Similar to natural tooth.
- Color: From white to dark brown. These teeth are translucent and emit fluorescence under ultraviolet light.
- Odor: Odorless
- Odor threshold: undetermined.
- Physical state: Solid.
- pH: Not applicable.
- Freezing or melting point: (specify which): Not applicable.
- Evaporation percentage: Not applicable.
- Initial boiling point and boiling range: Not determined.
- Flash point: Not applicable.
- Evaporation rate: Not applicable.
- Flammability (solid gas): Not determined.
- Superior/inferior flammability or explosive limit: Not determined.
- Vapor Pressure: Not applicable.
- Vapor Density: Not applicable.
- Specific Gravity or density: Not determined.
- Solubility in water: Not soluble.
- N-octanol/water partition coefficient: Not applicable.
- Auto-ignition temperature: None determined.
- Decomposition temperature: None determined.
- Heat value: Not available.
- Particle size: Not applicable.
- Volatile organic compound content: Not available.
- Melting Point: Softening temperature 90 – 120 °C (194 – 248 °F).
- Viscosity: Not applicable.
- Bulk density: Not determined.

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Class	Page	Approved by:	Update:	Version
E	3 of 5	Technical Director of Medical Devices	2022-08-25	06

REFERENCE DOCUMENT: DPDDPR-003

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- Volatility percentage: Not available.
- Molecular weight: Not available.
- Molecular formula: Not available.

10 STABILITY AND REACTIVITY OF THIS PRODUCT

- 10.1 Chemical Stability: This product is stable under normal handling and storage conditions.
- 10.2 Possibility of hazardous reactions: There are no known hazardous reactions.
- 10.3 Conditions to avoid: Temperatures above 60°C (140°F).
- 10.4 Incompatibility with other materials: Avoid contact with organic solvents and monomers of Methyl Methacrylate and its derived products.
- 10.5 Dangerous breaking down products: None.
- 10.6 Hazardous polymerization: None under normal storage and use conditions.

11 TOXICOLOGICAL INFORMATION

- 11.1 Possible routes of exposure: If teeth are polished, dust may irritate the respiratory tract.
- 11.2 Acute toxicity: This product does not have any serious implication for health.
- 11.3 Chronic toxicity: This product does not have any serious implication for health.
- 11.4 Additional information: None.

12 ECOLOGICAL INFORMATION

- 12.1 Eco-toxicity: There is no data available.
- 12.2 Persistence and degradability: There are no data available.
- 12.3 Potential of bioaccumulation: It does not accumulate in a perceptible manner in the organism.
- 12.4 Mobility in soil: There is no data available.
- 12.5 Other adverse effects: No adverse effects are expected.

13 DISPOSAL CONSIDERATIONS

Recycle this product if it is possible. Do not throw it into waterways. Follow local regulations into effect.

WARNING: Laws, regulations and local restrictions may change or be reinterpreted, and they may be different from the ones being into effect in Colombia, for that reason the considerations about waste disposal of product and its packing may differ regarding the ones appearing in this document.

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Class	Page	Approved by:	Update:	Version
E	4 of 5	Technical Director of Medical Devices	2022-08-25	06

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14 TRANSPORT INFORMATION

- 14.1 Hazardous material: None.
- 14.2 Class of risk: None.
- 14.3 UN Number: Not available.
- 14.4 IATA Classification: Non-hazardous material.
- 14.5 Packaging group: None.
- 14.6 Marine pollutant (Yes/No): No.

15 INFORMATION ABOUT REGULATIONS INTO EFFECT

- 15.1 In Colombia: Not applicable.
- 15.2 International: This product complies with EEC Regulations. According to lists from the EC and directives contained in the EEC/Regulations on dangerous substances, this product does not need to be labeled.

16 IMPORTANT ADDITIONAL INFORMATION

The information registered in this document is based on our current knowledge and it is given in good faith but is not given an assurance express or implicit; neither is assumed any responsibility for the incorrect use of the product. This document is prepared according to:

- Globally Harmonized System of Classification and Labeling of Chemicals – GHS.
- Colombian Technical Standard NTC 4435:2010. Transport of products. Material Safety Data Sheets. Preparation.

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