

MATERIAL 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 use of the product: Product destined 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 4) 403 87 60, ext. 1304, 1306.

2 HEALTH HAZARD DATA

2.1 GHS Classification:

Health	Environmental	Physical
Non harmful	Non harmful	Non harmful

2.2 GHS Labeling:

Sign	Warning word	Hazard indication
None required	None required	None required

- 2.3 Caution indication: Does not apply
- 2.4 Appearance (in emergencies): Production of vapors at a temperature beyond 250°C (482°F), as a result of its thermal decomposition.
- 2.5 Potential Health Hazards: None.
- 2.6 NFPA Clasification: Health = 0, Flamability = 0, Reactivity = 0

3 INFORMATION ABOUT COMPOSITION ELEMENTS

HARMFUL COMPONENTS		
Common name	Concentration	CAS Number
None	None	None

NON HARMFUL COMPPONENTS		
Common name	Concentration	CAS Number
Polymethyl methacrylate	Trade secret	9011-14-7
Ethylene glycol dimethacrylate	Trade secret	97-90-5
Pigments	Trade secret	N.A
Fluorescent additive	Trade secret	658084-50-5

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4 FIRST AID MEASURES

4.1 Emergency procedures and first aid after:

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

4.2 Antidote: Not applicable.

4.3 Information for doctors: Not applicable.

5 FIRE FIGHTING MEASURES

5.1 Flammability of Product: Non-flammable material.

5.2 Extinction of Fire: Water.

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

6 ACCIDENTAL RELEASE MEASURES

6.1 Techniques, procedures and materials in case of:

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

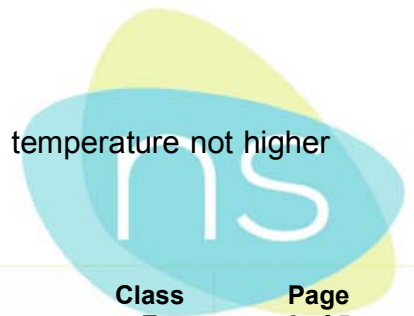
6.2 Environmental warnings: No special measures are required, however take into consideration the conditions required by local and national authorities.

6.3 Further considerations: None.

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 40°C.



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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

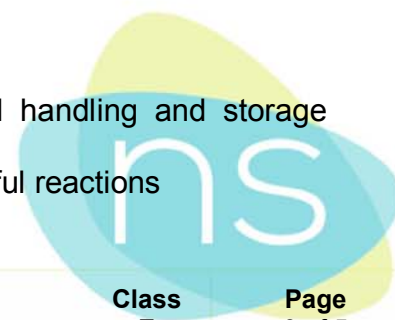
- 8.1 How to control exposure to this product: No specific controls to exposure are required.
- 8.2 Engineering controls: Ensure sufficient ventilation / suction in the work station.
- 8.3 Personal protection equipment: No specific equipment is required. Use a mask with particle filter in the case of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

9 PHYSICAL AND CHEMICAL PROPERTIES OF THIS PRODUCT

- Form or Appearance: Similar to natural tooth. Colors: from white to dark brown. These teeth are translucent and emit fluorescence under ultraviolet light.
- Odor: Odorless
- Smell threshold: undetermined.
- Physical Condition: Solid
- pH: Not applicable
- Vapor Pressure: Not applicable
- Vapor Density: Not applicable
- Evaporation speed: Does not apply.
- Freezing or melting point: (specify which): Does not apply.
- Boiling Point: Not determined
- Melting Point : Beyond 125°C (257°F)
- Solubility in Water: Not soluble
- Specific Gravity : Not determined
- Ignition point or explosive limit: Does not apply.
- Auto-ignition temperature: None determined.
- Decomposition temperature: None determined.
- Viscosity: Does not apply.
- Segmentation coefficient octanol / water: Does not apply.

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 harmful reactions: There are no known harmful reactions



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- 10.3 Conditions to Avoid: Temperatures beyond 60°C (140°F)
- 10.4 Incompatibility with other materials: Avoid contact with organic solvents and monomers of Methyl Methacrylate and it's by 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 means of exposure: If teeth are polished, dust may irritate the respiratory tract.
- 11.2 Acute Toxicity: This product does not have any serious implications for health.
- 11.3 Chronic Toxicity: This product does not have any serious implications for health
- 11.4 Additional information: None

12 ECOLOGICAL INFORMATION

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

13 DISPOSAL CONSIDERATIONS

Recycle this product it is possible. Follow local regulations into effect concerning waste disposal of materials. Do not throw waste material of this product into waterways.

WARNING: ¡Laws, regulations and local restrictions can change or be reinterpreted from one country to another and also, they can be different from the ones being into effect in Colombia. This is why considerations about waste disposal of product and its packing may differ from the ones appearing in this document!

14 TRANSPORT INFORMATION





Address: Cra. 53 N° 50-09
Guarne (Antioquia) COLOMBIA
Phone: (574) 550 00 00
Fax: (574) 551 31 34

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- 14.1 Dangerous material: None
- 14.2 Type of Risk: None
- 14.3 UN Number: Not available
- 14.4 IATA Classification: Non-dangerous 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 Regulations: 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 no expressed or implied guarantee is given, it does not assume any liability for the inappropriate handling of the material.

The present document is drafted in accordance with the Globally Harmonized System of Classification and Labeling of Chemicals – GHS.



Elaboration: 2009-12-29
Version: 4

Prepared by: Product Design Analyst
Approved by: Coordinator of Health and Safety at Work

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