



MSDS Ref. No: QS-MSDS-02
Date Approved: Oct, 2016

MATERIAL SAFETY DATA SHEET: ACRYLIC RESIN TEETH

Company/Manufacturer: **ENTA BV.**
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Emergency information: **ENTA BV.**
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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.

2 INFORMATION ABOUT COMPOSITION ELEMENTS

- 2.1 Hazardous Elements: None.
- 2.2 Non-hazardous Elements: Poly (methylmethacrylate); Pigments; Fluorescent additive. (CAS 9011-14-7).

3 HEALTH HAZARD DATA

- 3.1 Harmful characteristics of material: Innocuous.
- 3.2 Appearance (in emergencies): Production of vapors at a temperature beyond 250°C (482°F), as a result of its thermal decomposition.
- 3.3 Potential Health Hazards: None.
- 3.4 NFPA Clasification Health = 0 Flamability = 2 Reactivity = 0

4 FIRST AID MEASURES

- 4.1 Emergency procedures and first aid after...
 - Inhalation: No implications for health are associated with this product.
 - Eye Contact: No implications for health are associated with this product.
 - Skin Contact: No implications for health are associated with this product.
 - Swallowing: No implications for health are associated with this product.
- 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 an 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 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. (104°F).

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 How to control exposure to this product: No specific controls to exposure are required.
- 8.2 Individual protective equipment: No specific protective equipment required.
- 8.3 Exposure parameters: Not applicable.

REMARK: When polishing these teeth, use safety glasses and a face mask for protection against powders.

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
- Physical Condition:..... Solid
- pH:..... Not applicable
- Vapor Pressure:..... Not applicable
- Vapor Density:..... Not applicable
- Boiling Point:..... Not determined
- Melting Point :..... Beyond 125°C (257°F)
- Solubility in Water:..... Not soluble
- Specific Gravity :..... Not determined



10 STABILITY AND REACTIVITY OF THIS PRODUCT

10.1 Chemical Stability: This product is stable under normal handling and storage conditions.

10.2 Conditions to Avoid: Temperatures beyond 60°C (140°F)

10.3 Incompatibility with other materials: Avoid contact with organic solvents and monomers of Methyl Methacrylate and its by products.

10.4 Dangerous Breaking down Products: None

10.5 Dangerous Polymerization: None

11 TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity: This product does not have any serious implications for health.

11.2 Chronic Toxicity: This product does not have any serious implications for health.

11.3 Additional information: None

12 ECOLOGICAL INFORMATION This material does not represent any problem for water purification plants or natural waterways.

13 DISPOSAL CONSIDERATIONS Recycle this product if 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

14.1 Dangerous material: None

14.2 Type of Risk: None 14.3 UN Number: Not available

14.4 IATA Classification: Non-dangerous material.

15 INFORMATION ABOUT REGULATIONS INTO EFFECT

15.1 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

This medical device has been studied and formulated for an exclusive professional dental use and must be used following instructions, procedures and precautions of use. The information disclosed in this Safety Data is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it



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may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. However, this document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification and shall not establish any legally valid contractual relationship. Considering that used conditions and modes are not under our control we can't assume any responsibility for results that do not meet user's expectations. The manufacturer is not responsible for damages due to incorrect use or undue handlings. Furthermore, ENTA B.V. is not responsible for disposal or testing of this product for hazardous content, and will not be liable to any party for such disposal, testing, or content. This safety data sheet overrules and substitutes any previous edition.

For further information on the product:

For further information consult the product datasheet. Before use, operators must be sure that the product characteristics are suitable to their needs.

Revision Summary:

Revision # 1. All sections revised. New format. Regular review completed. This MSDS has been prepared to meet European Regulations (EC) and the applicable ISO standards.

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