



## ***SAFETY DATA SHEET***      *According with Regulation (CE) 1907/2006*

Date of issue: 10.01.2009

Version 7 date: 10.01.2009

### **1- Identification of the substance and company:**

**Product designation:**

Commercial product name: **ODILUX, ODIPAL, ODIDENT, ODIMAX, ORTOLUX Top**

Complementary information: **Artificial Teeth.**

Application / Use: teeth for dentures

Manufacturer: **Unión Dental, S.A. "unidesa.odi"** Pº de la Estación, 4. 28550 - MADRID. ESPAÑA.

Information area: Unidesa.odi. Ph nr.: 0091. 873 76 30 Fax: 0091.874 64 90 email: [unidesa@unidesa-odi.com](mailto:unidesa@unidesa-odi.com)

Emergency telephone: 0091. 874 60 00

### **2- Hazards identification:**

Human health hazards: Dust can be generated by grinding. No specific hazards under normal use conditions.

Safety hazards: None

Information concerning to particular hazards to people and environment: None of components is classified as carcinogen.

Final product is free of potential hazardous components like cadmium and is not classified as hazardous under EC criteria.

Classification system: According to EU list and extended by company and literature data.

### **3- Composition /Information on ingredients:**

Chemical Formulation:

Description: Copolymer based on (PMMA) Poly(methyl methacrylate)

Dangerous contents: None

Additional information: The product complies with Biological Requirements for Absence of Toxicity.

### **4- First aid measures:**

**General Indications:** No specific requirements

**In case of inhalation:** None      **Eye contact:** Wash eyes with water.

**Skin contact:** None      **In case of ingestion:** Drink water and obtain medical attention if amount was large.

### **5- Fire fighting measures:**

**Suitable extinguishing media:** Foam and dry chemical powder. Carbon dioxide, sand or earth may be use for small fires.

**Unsuitable extinguishing media:** Water.

**Protective equipment:** Proper protective equipment including breathing apparatus.

**Further information:** Combustion: Give rise to a methyl methacrylate vapours and carbon monoxide.

### **6- Accidental release measures:**

**Personal precautions:** None

**Environmental protection:** None

**Clean-up methods:** Shovel into a suitable, clearly marked container for disposal or reclamation in concordance with local regulations.

**Further information:** It does not produce hazardous substances.

### **7- Handling and storage:**

**Handling:**

Information for safe handling: No special precautions necessary. Usual hygienic measures for dental technique.

**Storage:**

Requirements to be met by storerooms and receptacles: Store in a dry place with normal room temperature and humidity.

Information about storage in one common storage facility: Not required

Additional information about storage: Package contains wax. Avoid high temperatures. Store away from direct sunlight

### **8- Exposure control/Personal protection:**

**Technical measures:** Provide adequate local ventilation.

**Control of threshold limits:** Not applicable.

**Additional information:** Always work under proper hygienic conditions.

**Personal protective equipment:**

Respiratory protection: Filtrating mask if dust is produced

Hand protection: Not necessary.

Eye protection: Safety goggles if grinding.

Skin protection: Not necessary.



Date of issue: 10.01.2009

Version 7 dated 10.01.2009

|  |  |
|--|--|
| <b>Commercial name: Odilux, Odipal, Odident, Odimax, Ortolux top</b> | <b>Additional information: Artificial Teeth.</b> |
|--|--|

**9- Physical and chemical properties****General information**

|  |  |                          |
|--|--|--------------------------|
| Appearance: teeth                                    | Colour: Like natural Tooth                         | Odour: Odourless         |
| <b>Change of physical state:</b> Not applicable      | <u>Boiling point:</u> --                           | <u>Melting point:</u> -- |
| <u>Solubility in water:</u> Insoluble                | <u>Self-igniting:</u> Product is not self igniting | <u>Flash point:</u> --   |
| <u>Oxidising properties:</u> --                      | <u>Viscosity:</u> --                               | <u>Density:</u> --       |
| <u>Danger of explosion:</u> Product is not explosive |  |                          |

**10- Stability/ Reactivity:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications. Avoid high temperatures and strong oxidizing agents. Stability: Stable.

**Hazardous reactions:** None.

**Hazardous decomposition products:** Hazardous decomposition products are not expected to form during normal storage.

Additional information: In case of a thermal decomposition, combustible and irritant methyl methacrilate vapours can release with loosing of toxic vapours.

**11- Toxicological information:**

Acute toxicity: The product complies with Biological Requirements for Absence of Toxicity.

**Stimulant primary effects:** On skin: None. On eyes: None. On respiratory vies: None

**Sensitization:** None known

**Additional toxicological information:** Toxicological data have been determined specifically for these products:

The products possess certification of biocompatibility and absence of Toxicity.

**12- Ecological information:**

**Degradability:** Not readily biodegradable.

**Ecotoxic effects:** Due to the product consistence, we cannot expect negative ecological consequences, according to the current knowledge. The product is insoluble in water. No environmental Hazard known.

**13- Disposal considerations:**

**Product:** No special requirements. The residues are not dangerous. It has to be treated in accordance to legal regulations.

**Not clean packages:** Non-contaminated or clearable packages could be destined to recycle, packages which could not be cleaned should be eliminated at the same manner that the product in accordance to legal regulations.

**14- Transport information:**

**Transport at land ADR/RID y GGVS/GGVE (international/national).** Class ADR/RID –GGVS/E: --

**Transport additional information.** Class IMDG/GGVmar: -- Marine pollutant: No

**Air transport ICAO-TI e IATA-DGR.** Class ICAO/IATA: --

Product is not dangerous for conveyance under above codes.

Polymethacrylates do not fall under the transportation classification for dangerous substances.

**15- Regulatory information:**

Product does not require classification according to the EC criteria. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV)

Contained: Acrylic polymer      Hazard Symbols: --      R - Phrases: --      S - Phrases: --

**16- Other information:**

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It does not indicate a guarantee of other properties of the product. For details on use of material and recommended shelf life. See the product package and/or instructions for use and catalogues.

Contact: Technical Director: José Luis Rodríguez Blanco. Ph nr. 00918737630 email: [jose Luis@unidesa-odi.com](mailto:jose Luis@unidesa-odi.com)

\* Changes with respect to a previous version: Point 3