

# MSDS

## MATERIAL SAFETY DATA SHEET

According to directive 1907/2006/EC, Article 31  
Date of issue: 2014.01.23 Supersedes version of: 2009.05.08  
*n.a.= not applicable; n.k.= unknown*

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Dentatus Classic / Surtex Gold Plated Posts; NLH and NLK keys  
**Manufacturer:** Dentatus AB  
Finspångsgatan 42, SE-163 53 Spånga, Sweden  
Tel: +46 8 564 50900; Fax: +46 8 564 50901

### 2. HAZARDS IDENTIFICATION

#### **Classification of the substance or mixture**

**Classification according to Regulation (EC) 1272/2008 :** not applicable

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** not applicable

**Information concerning particular hazards for human and environment:****Risk Identification:** The product does not have to be labeled due to the calculation procedure of the „General classification guideline for preparations of the EU“ in the latest valid version.

#### **Label elements:**

**Labeling according to EU guidelines:** Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body; are exempted from the provisions of dangerous substance Directive 1999/45/EWG.

#### **Other hazards**

#### **Results of PBT and vPvB assessment**

**PBT:** not applicable

**vPvB:** not applicable

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Common chemical / generic name:** Brass (gold plated) CAS # (brass): 86376-49-0

**Chemical characteristics:** Solid metal

**Hazardous components:** None

### 4. FIRST-AID MEASURES

**General Information:** No special measures required

**After skin contact:** No special measures required

**After eye contact:** n.a. (or as for any solid object)

**After swallowing:** Contact physician

**5. FIRE-FIGHTING MEASURES**

n.a.

Extinguishing media:

Protective equipment:

**6. ACCIDENTAL RELEASE MEASURES**

n.a.

Personal precautions:

Environmental precautions:

Methods for cleaning up: Pick up mechanically

Additional information: None

**7. HANDLING AND STORAGE****Handling:** For dental use only. No special measures required.**Handling procedures:** Avoid touching posts with bare hands as body fats can compromise bonding**Recommendation for fire and explosion protection:** No special measures required.**Storage:** No special requirements**Requirements at store rooms and containers:** No special requirements**Additional storage conditions:** No special requirements**Storage classifications:** n.a**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Additional information for technical plants:** n.a.**Components with limits of values to be supervised at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace**Additional information:** The lists valid during the making were used as basis.**Personal protective equipment:** n.a.**Respiration:** n.a.**Hands:** n.a.**Eyes:** Use safety goggles when cutting or grinding material**Clothes:** n.a.**9. PHYSICAL AND CHEMICAL PROPERTIES****Color:** Golden      **Appearance:** Solid      **Odor:** None**Information on change in the physical state:**

Melting point (°C) 910

Decomposition temp. (°C) n.a.

Flash point (°C) n.a.

Explosive properties n.a.

Flammable limits n.a.

Oxidizing properties n.a.

Density (g/cm<sup>3</sup>) 8.45

Relative density n.a.

Solubility (% by weight) n.a.

Octanol/water partition coefficient n.a.

**10. STABILITY AND REACTIVITY** n.a.

**11. TOXICOLOGICAL INFORMATION** Acute toxicity:

**Primary irritation:**

**skin:** no irritating effect

**eye:** no irritating effect

**Additional toxicological information:** When used and handled according to instructions, the product does, to our experience and the information provided to us, not have any harmful effects.

**12. ECOLOGICAL INFORMATION** n.a.

**13. DISPOSAL CONSIDERATIONS** Dispose of according to Federal, State and Local regulations. Small, not used quantities can be disposed of as household waste. If used, dispose of as contaminated goods.

**14. TRANSPORT INFORMATION** n.a.

Land transport ADR, RID: -

Maritime transport: IMDG-Code: -

Air transport ICAO-TI/IATA-DGR: -

**15. REGULATORY INFORMATION** Product is CE marked.

**Classification according to EC-guidelines:** The product is a medical device according to EC-directive 93/42 EEC.

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**16. OTHER INFORMATION** This product shall be handled and used according to manufacturer's instructions.

Adaptation according to 1907/2006/EG, Article 31

**Approved by:** Jaan Roosaar

**Approval date:** 2014-01-23