

## Safety data sheet in accordance with 91/155/EEC

**Date of issue:** 01.12.2011 CONTACT MARKER  
**Date of revision :** 27.03.2012 CERAMIC TEXTURE MARKER  
**Valid from:** 01.12.2011 COLLOIDAL GRAPHITE  
**Version:** 11 **Replaces Version:** 09

---

### 1. Identification of the substance and of the company

#### 1.1 Product details

Tradenname: Contact Marker // Colloidal Graphite // Ceramic Texture Marker  
Index-No.: 03-1200 / 03-1205 / 03-1210 // 03-1300 // 03-1250 / 03-1260  
EG-No.: -----  
CAS-No.: 64-17-5  
REACH-Registration No.: entfällt

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Determined to be used in dental labs – no used advised against.

#### 1.3 Details of the supplier providing the safety data sheet:

**Supplier / Company name:**

al dente Dentalprodukte GmbH

**Street:**

Am Tobel 15

**Postal Zip-Code / City:**

D-88263 Horgenzell

**Contact for technical Information**

+49 (0) 7504 – 9 70 91-0

**Phone / Fax / E-Mail**

07504-9 70 91-0 / 07504-9 70 91-20 / E-Mail: info@aldente.de

#### 1.4 Emergency phone number:

Giftnotruf-Zentrale Baden-Württemberg +49 761-19240

---

### 2. Hazards identification

#### 2.1 Classification of the substance

Classification according to regulation (EG) Nr. 1272/2008, Anhang VII (Stoffe): -----

Classification according to regulation 67/548/EWG oder Richtlinie 1999/45/EG (Stoffe oder Gemische): -----

#### 2.2 Label elements

**Labelling according to regulation (EG) Nr. 1272/2008 (Stoffe) /  
Richtlinie 1999/45/EG (Gemische)**

**Hazard pictograms:**



## Safety data sheet in accordance with 91/155/EEC

**Date of issue:** 01.12.2011  
**Date of revision :** 27.03.2012  
**Valid from:** 01.12.2011  
**Version:** 11

CONTACT MARKER  
CERAMIC TEXTURE MARKER  
COLLOIDAL GRAPHITE

**Replaces Version:** 09

**Signalword / Hazard statements:** F highly flammable

**Additional labelling:**

**Hazard notes / R-Phrases**

R 11 Highly flammable

**Security advice / S-Phrases**

S 16 Keep away from sources of ignition – no smoking  
S 2 Keep away from children  
S 23 Do not breath vapour

**2.3 Other hazards**  
-----

---

**3. Composition/information on ingredients:**

**3.1 Substances**

Main components of the substance:

Substance name: Ethanol  
Index-No.: -----  
EG-No.: -----  
CAS-No.: 64-17-5

---

**4. First aid measures**

**4.1 Description of first aid measures**

**Following inhalation:** in case of dizziness after inhalation, expose person to fresh air.

**Following skin contact:** wash skin with soap and water thoroughly

**Following eye contact:** rinse out with a lot of cold water and consult a doctor instantly.

**Following ingestion:** rinse mouth with cold water and allow to drink a lot of water, in case of persisting complaints, consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

None

**4.3 Indication of any immediate medical attention and special treatment needed:** none

---

**5. Firefighting measures**

**5.1 Extinguishing media**

Suitable: extinguishing powder, foam or sand  
Not suitable: water

## Safety data sheet in accordance with 91/155/EEC

**Date of issue:** 01.12.2011  
**Date of revision :** 27.03.2012  
**Valid from:** 01.12.2011  
**Version:** 11

CONTACT MARKER  
CERAMIC TEXTURE MARKER  
COLLOIDAL GRAPHITE

**Replaces Version:** 09

---

### 5.2 Special hazards arising from the mixture

Thermal decomposition may cause generation of irritant and harmful gases – fire-fighters should wear protective equipment.

### 5.3 Advice for firefighters

fire-fighters should wear protective equipment.

---

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition immediately. Use personal protection equipment and have the place well ventilated.

### 6.2 Environmental precautions

Avoid discharge to environment.

### 6.3 Methods and material for containment and cleaning up

Use binder to absorb the liquid product, then clean thoroughly with plenty of water. Dispose of the absorbing material used according to local regulations.

---

## 7. Handling and storage

### 7.1 Precautions for safe handling

Observe standard hygiene measures in handling chemical substances. Do not eat, drink or smoke when working with this product.

**Fire preventions** -----  
**Aerosol and dust generation preventions** -----  
**Environmental precautions** -----

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

#### Requirements for storage rooms and vessels

Store at temperatures not exceeding 30°C. Do not store in direct sunlight. Keep away from food & drinks.

**storage class:** -----

### 7.3 Specific end uses

**Industrial sector specific solutions**

---

## 8. Exposure controls / personal protection

### 8.1 Control parameters

**8.1.1 Occupational exposure limits** -----

### 8.2 Exposure controls

#### 8.2.1 Individual protective equipment

## Safety data sheet in accordance with 91/155/EEC

**Date of issue:** 01.12.2011  
**Date of revision :** 27.03.2012  
**Valid from:** 01.12.2011  
**Version:** 11

CONTACT MARKER  
CERAMIC TEXTURE MARKER  
COLLOIDAL GRAPHITE

**Replaces Version:** 09

### **Eye- / face protection**

Safety glasses

### **Skin protection**

Protective gloves

### **Other protection**

Protective work clothing (cotton)

### **Respiratory protection**

None, but good local ventilation is recommended

### **8.2.3 Environmental exposure controls**

Avoid disposal into environment

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance

- Aggregate state: Liquid  
- Colour : Contact Marker: red, blue, white / Colloidal Graphite: grey  
Ceramic texture marker: gold, silver

Odour:

specific

Odour threshold :

n.b.

pH-value :

n.b.

Melting range :

- 114,5 °C

Boiling point:

78 °C

Flash point:

13 °C

Flammability:

425 °C

Solubility in water:

soluble

Density:

n.a.

Explosive properties:

n.b.

Oxidising properties :

n.b.

### **9.2 Other safety information**

## **10. Stability and reactivity**

### **10.1 Reactivity**

n.b.

### **10.2 Chemical stability**

n.b.

### **10.3 Possibility of hazardous reactions**

n.b.

### **10.4 Conditions to avoid**

Storage at a temperature exceeding 45°C

## Safety data sheet in accordance with 91/155/EEC

**Date of issue:** 01.12.2011  
**Date of revision :** 27.03.2012  
**Valid from:** 01.12.2011  
**Version:** 11

CONTACT MARKER  
CERAMIC TEXTURE MARKER  
COLLOIDAL GRAPHITE

**Replaces Version:** 09

---

### 10.5 Incompatible materials

Strong oxidants

### 10.6 Hazardous decomposition products

Thermal decomposition may generate irritant and harmful gases, such as carbonoxides.

---

## 11. Toxicological information

11.1 Component	CAS-No.	Species	Kind of exposure	LD 50
Ethanol	64-17-5	rat	oral	7060 mg/kg
Irritation:				
Skin contact:	none			
Eye contact	none			
Sensitization:	no case of sensitization known			

---

## 12. Ecological information

### 12.1 Toxicity

-----

### 12.2 Persistence and degradability

-----

### 12.3 Bioaccumulative potential

-----

### 12.4 Mobility in soil

-----

### 12.5 Others

Avoid disposal into environment

---

## 13. Disposal considerations

**13.1 Waste treatment methods:** Has to be treated under adherence to official regulations.

### Packing disposal

Has to be treated under adherence to official regulations.

---

## 14. Transport information

### 14.1 UN-No. 1263

## Safety data sheet in accordance with 91/155/EEC

**Date of issue:** 01.12.2011  
**Date of revision :** 27.03.2012  
**Valid from:** 01.12.2011  
**Version:** 11

CONTACT MARKER  
CERAMIC TEXTURE MARKER  
COLLOIDAL GRAPHITE

**Replaces Version:** 09

---

### 14.2 UN-transport denomination

#### ADR/RID

According to your national and local regulations

#### IMDG-Code / ICAO-TI / IATA-DGR

Class no. 3, identification: paint, hazard no. 30 + 33,

### 14.3 Transport class of risk

Class no. 3

### 14.4 Packing group

2

---

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU-regulations, e.g.:** R and S phrases see item 2.2.  
Index F: highly flammable

**National regulations e.g.:**

**Wassergefährdungsklasse / Water hazard class: 0 (no hazards for water)**

---

## 16. Other information

#### Abbreviations:

n.a. Not applicable  
n.b. Not indicated

#### Weitere Informationen

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. We do not take any responsibility for possible sources of errors or sufficiency of this document. The user of the product accepts the sole responsibility to adhere to all herein mentioned regulations. It is the user's obligation to read this document carefully.

---