

KERR

Material Safety Data Sheet

in accordance with Community Regulation 2006/1907/EC (R.E.A.Ch.)

Revision Date: 03rd May 2009

SECTION 1

Product & Company identification

1.1 Product name

TAB POWDERS (light, medium and yellow)

1.2 Uses/Application:

Temporary Crown & Bridge dental material.

1.3 Company (Name, address and info phone number)

KERR ITALIA S.r.l.

Via Passanti, 332

84018 Scafati (SA) - Italy

Free Phone: 00-800-41-050-505

1.4 Emergency phone (according to communitarian directive 99/45/EC, article 17)

+39.081.8508.325 (08.00-17.00, European time, GMT+1)

E-mail address: safety@kerrhawe.com

SECTION 2

Hazard identification

2.1 Hazard classification (according to communitarian directives 67/548/EEC & 99/45/EC)

None.

2.2 Other hazard

None.

SECTION 3

Composition/Information on Ingredients

(according to communitarian directives 67/548/EEC, 99/45/EC & 2001/58/EC)

3.1 Hazardous ingredients

HAZARDOUS INGREDIENTS	%	HAZARD SYMBOLS	RISK PHRASES	CAS N.	EINECS N.
None	N/A	N/A	N/A	N/A	N/A

3.2 Other non-hazardous ingredients

Methacrylate polymer and Diethyl Phtalate.

SECTION 4**First aid measures**

- 4.1 Treatment for eye contact: Flush with water for at least 15 minutes, including under eyelids. Call a physician.
- 4.2 Treatment for skin contact: Wash with soap and water. If irritation persists, consult a physician
- 4.3 Treatment for inhalation (breathing): Move to fresh air. If breathing difficulty persists, consult a physician.
- 4.4 Treatment for ingestion (swallowing): Wash thoroughly the mouth with water and spit out. If a large quantity is swallowed, consult immediately a physician.

SECTION 5**Fire-fighting Measures**

- 5.1 Suitable extinguishing media: Carbon dioxide, water, dry chemical.
- 5.2 Forbidden extinguishing media: Stream of water and all extinguishing media that lead to dust formation.
- 5.3 Special fire fighting measures: None.
- 5.4 Unusual fire and explosion hazards: In presence of ignition source, dusty material may be explosive.
- 5.5 Special protection equipment: Not applicable.

SECTION 6**Accidental Release Measures**

- 6.1 Personal Precautions: Adopt precautions listed in section 8.
- 6.2 Environmental Precautions: None.
- 6.3 Reclaiming Methods: Sweep up spills to avoid slipping.

SECTION 7**Handling and Storage** (according to article 5 of communitarian directive 98/24/EC)

- 7.1 Handling Precautions: Adopt precautions listed in section 8.
- 7.2 Precautions in case of Fire and Explosion: Not available.
- 7.3 Storage Conditions: Keep containers closed to prevent moisture absorption and contamination. Electric connection near to product containers should be dustproof and equipped with grounding.
- 7.4 Suggested container(s): Original containers provided by manufacturer.
- 7.5 Indication for Combined Storage: Unknown.
- 7.6 Environmental precautions: Store in a dry place far from sewers and water.
- 7.7 Other Precautions: Use according to directions and good personal hygiene and safety practices.

SECTION 8 Exposure controls/personal protection	
<i>8.1 Exposure Limits:</i>	Methacrylate Polymer: <u>TLV</u> : 10 mg/m ³ ; <u>PEL</u> : 15 mg/m ³ ; Diethyl Phtalate: <u>TLV/PEL</u> : 5 mg/m ³
<i>8.2 Exposure control measures</i>	
<i>8.2.1 Precautionary Measures:</i> (according to communitarian directives 89/686/EEC & article 4 of 98/24/EC)	
Ventilation:	<u>Local Exhaust Ventilation</u> : Use the product in a well ventilated area. <u>Special Ventilation</u> : None. <u>Mechanical (General) Ventilation</u> : None. <u>Other Ventilation</u> : None.
Respiratory Protection:	None required under normal conditions.
Hands Protection:	Impervious gloves, neoprene type.
Eyes Protection:	Safety glasses or goggles.
Skin Protection:	Handle in accordance with good personal hygiene and safety practices.
Other Protective Equipments:	In case of dust formation in air, wear mask with self-contained breathing apparatus.
<i>Measures listed in this paragraph are to be considered as indications and NOT prescriptions (89/656/EEC)</i>	
<i>8.2.2 Environment exposure control measures</i> Not Applicable.	

SECTION 9 Physical and Chemical Properties	
<i>9.1 General information</i>	
<u>Appearance</u> : Fine clear to pigmented powder.	<u>Odour</u> : Faint odour.
<i>9.2 Information related to health, safety and environment</i>	
<u>pH</u> : Not applicable (N/A)	<u>Relative density</u> : Not available
<u>Boiling point</u> : N/A	<u>Specific gravity</u> : N/A
<u>Flash point</u> : 304°C	<u>Solubility</u> : Insoluble
<u>Flammability</u> : Not flammable.	<u>Partition coefficient n-octanol/water</u> : N/A
<u>Lower Explosivity Limit (L.E.L.)</u> : N/A	<u>Viscosity</u> : N/A
<u>Upper Explosivity Limit (U.E.L.)</u> : N/A	<u>Vapor density (air = 1)</u> : N/A
<u>Oxidizing properties</u> : None	<u>Evaporation rate (n-butane = 1)</u> : N/A
<u>Vapour pressure</u> : N/A	<u>Melting point</u> : Not established
<i>9.3 Other information (according to communitarian directive 94/9/EC):</i>	
<u>Miscibility</u> : N/A.	<u>Conducibility</u> : N/A
<u>Solubility in Lipids</u> : Not available	<u>Gases Group</u> : N/A

SECTION 10
Stability and Reactivity

Stability: Stable.

10.1 Conditions to avoid: Temperatures above 240°C (decomposition of product may occur).

10.2 Materials to avoid (incompatibility): Strong oxidizing agents.

10.3 Hazardous decomposition products: Methacrylate Monomer and Oxides of Carbon when burned.

Other precautions:

Hazardous Polymerization Products: Not determined.

Safety significance in case of change in physical appearance: None known

Stabilizers: Product is not required to be stabilized.

SECTION 11
Toxicological Information

CMR effects (Carcinogenicity, Mutagenicity and toxicity for reproduction):

None.

Effects and hazards of eye contact: May cause irritation to eyes by mechanical action.

Effects and hazards of skin contact: Nuisance particulates may cause irritation.

Effects and hazards of Inhalation (Breathing): May cause irritation of the respiratory tract. If irritation persists, consult a physician.

Effects and hazards of Ingestion (Swallowing): Ingestion of small quantities of this material under normal circumstances would not cause harmful effects.

Effects for prolonged Exposure: Unknown.

Toxic-kinetic effects: Unknown.

Effects on metabolism: Unknown.

Toxicological data for ingredients:

None.

SECTION 12**Ecological Information**

This product has not known ecological hazardous effects.

12.1 Eco-toxicity: Not available

12.2 Mobility: Not available

12.3 Persistence and degradability: Not available

12.4 Bioaccumulative potential: Not available

12.5 Results of PBT (Persistent Bio-Toxicity) assessment: Not available

12.6 Other adverse effects: Not available

Aquatic toxicity data for ingredients:

None.

SECTION 13**Disposal considerations**

Dispose of in accordance of local regulations.

SECTION 14**Transport information**

14.1 Sea transportation (IMDG)

The product is not regulated.

14.2 Air transportation (ICAO/IATA)

The product is not regulated.

14.3 Transportation by Road/Railway (RID/ADR)

The product is not regulated.

SECTION 15 (Classification according to communitarian directives 67/548/EEC & 99/45/EC)

Regulatory information

Hazard labelling not required.

This product is an exempted medical device (directive 1999/45/EC, article 1, paragraph 5g).

SECTION 16**Other information**16.1 Risk phrases of all ingredients

None.

16.1.1 Safety phrases of all ingredients

None.

16.2 Sources of key data used to compile the Safety Data Sheet:European Chemicals Bureau (ECB – www.ecb.jrc.it)European chemical Substances Information System (ESIS - www.ecb.jrc.it/esis)A.C.G.I.H. (www.acgih.org)N.I.O.S.H. (www.cdc.gov/niosh/)O.S.H.A. (www.osha.gov/)U.E. (www.europa.eu/index_it.htm)I.A.R.C. (www.iarc.fr/)N.T.P. (www.ntp.niehs.nih.gov)European Community Directives:

67/548/EEC:	Classification, packaging and labelling of dangerous substances.
99/45/EC:	Directive concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.
2001/58/EC:	Second amendment of directive 91/155/EEC for the definition of a detailed arrangement of specific information relating to dangerous preparations (art. 14 of 99/45/EC) and substances (art. 27 of 67/548/EEC).
89/656/EEC:	Directive on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (third individual directive within the meaning of Article 16 (1) of Directive 89/391/EEC).
89/686/EEC:	Approximation of the laws of the Member States relating to personal protective equipment.
94/9/EC:	Approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres
98/24/EC:	Protection of the health and safety of workers from the risks related to chemical agents at work.

Document modification history: First version in compliance of Community Regulation 2006/1907/EC (R.E.A.Ch.)

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility. This document does not constitute explicit or implicit warranty of product quality or fitness for a particular purpose.