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Company	CANDULOR AG, Pünten 4, CH - 8602 Wangen bei Dübendorf Switzerland
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1 Commercial product name and supplier

1.1	Commercial product name / Designation	C-Plast Polymer, Powder
1.2	Application / Use	Custom tray material
1.3	Producer	CANDULOR AG, Pünten 4, CH - 8602 Wangen bei Dübendorf Tel. + 41 44 805 90 24
1.4	Supplier	
1.5	TOX emergency number	Emergency-Call: +423 / 235 35 35 or 373 40 40 Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Composition

2.1	Chemical characterization	Powder of: Calcium carbonate, Polymer and Copolymer based on Methylmethacrylate, Ethylmethacrylate and Ethylacrylate, Catalyst and Pigments
2.2	Hazardous components	
	CAS No. 94-36-0	< 1 % Benzoylperoxide Xi: Irritant. E: Explosive. R2: Risk of explosion by shock, friction, fire or other sources of ignition. R36: Irritating to eyes. R43: May cause sensitisation by skin contact.
2.3	Further information	None.

3	Hazards identification	Dust generation. Avoid breathing dust.
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4 First aid measures

4.1	Eye contact	Flush with plenty of water. Consult a physician if irritation persists.
4.2	Skin contact	Wash thoroughly with soap and water.
4.3	Ingestion	Give large amounts of water.
4.4	Inhalation	Remove to fresh air. If respiratory irritation is experienced, call a physician.
4.5	Further information	

5 Fire-fighting measures

5.1	Suitable extinguishing media	Extinguishing powder. Water fog. Carbon dioxide.
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5.2 Extinguishing media to avoid Do not use direct water stream.

5.3 Further information None.

6 Accidental release measures Clean up mechanically.

7 Handling and storage

7.1 Handling Avoid dust build-up.
Only adequately trained personnel should handle this product.

7.2 Industrial hygiene Avoid breathing dust.
Usual hygienic measures for dental practice.

7.3 Storage Store at 12-28 °C / 54-82 °F.
Store in a well ventilated, cool, dry area.

7.4 Place of storage Avoid exposure to direct sunlight.

7.5 Fire- and explosion-protection Dust in air may be explosive.

8 Exposure controls / Personal protection

8.1 Technical measures Provide adequate local ventilation.

8.2 Control of threshold limits Producer Industry recommends an exposure limit of 10 mg/m3.

8.3 Personal protective equipment

8.3.1 Respiratory protection Avoid breathing dust.

8.3.2 Hand protection Gloves.

8.3.3 Eye protection Safety goggles.

8.3.4 Other

9 Physical and chemical properties

9.1 Appearance powder

9.2 Colour yellow, white or pink

9.3 Odour low

9.4 Change of physical state Test method:

9.5 Density not determined

9.6 Vapour pressure not applicable

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9.7 Viscosity
not applicable

9.8 Solubility
Solubility in water
non soluble

9.9 pH
not determined

9.10 Flash point
> 250 °C

9.11 Ignition temperature
> 400 °C

9.12 Explosion limits
Lower:
Upper:
not determined

9.13 Further information
None.

10 Stability and reactivity

10.1 Thermal decomposition
> 250 °C

10.2 Hazardous decomposition products
None, if used in accordance to instructions.
Product may decompose at elevated temperatures generating vapours which could be irritating (Methylmethacrylate, Ethylmethacrylate).

10.3 Hazardous reactions
none known

10.4 Further information
None.

11 Toxicological information

11.1 Acute toxicity
Polymethylmethacrylate: The oral LD50 for rats is > 10'000 mg/kg.
Benzoylperoxide: The oral LD50 for rats is > 7'710 mg/kg.

11.2 Subacute / Chronic toxicity
In rare cases can cause an allergic reaction.
No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

11.3 Further information
Dust can irritate eyes and respiratory passages.

12 Ecological information
No ecological problems to be anticipated if properly handled and used.

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13 Disposal considerations Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

13.1 EU waste key 20 01 39

14 Transport information

14.1 Transport at land ADR --- RID ---

UN Number --- Kemler Number ---
 Packing Group ---
 Proper shipping name

14.2 Transport at sea ADN --- IMDG ---

UN Number ---
 EMS --- MFAG ---
 Packing Group
 Proper shipping name ---

14.3 Air transport ICAO / IATA-DGR ---
 UN Number ---
 Proper shipping name ---

Subsidiary Risk ---
 Labels ---
 Packing Group ---
 Passenger airplane Packing Instructions ---
 max. ---
 Cargo Airplane Packing Instructions ---
 max. ---

14.4 Further information Product is not classified as a dangerous good for transport.

15 Regulatory information The product is a medical device according to the EC-directive 93/42/EEC.
 This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.
 This product does not require classification as Dangerous Goods.

15.1 UN number ---

15.2 National regulations

15.3 EU number ---

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15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value --- ml/m³ (ppm)

15.9 BVD classification (CH) ---

15.10 VbF (D) ---

15.11 Further information None.

16 Other information

Version: 4

Changes: 3/4/6/7/8/9/11/12/13

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.

This safety data sheet has been generated with the safety database 'ChemManager',
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