

Material Safety Data Sheet

Trade name: PMMA Multiblank

Printing date 12.04.2013

Version 1

1 Identification of substance:

- **Product details:**
- **Trade name:** PMMA Multiblank
- **Article number:** 181..., 182..., 183...
- **Application of the substance / the preparation:** Used to manufacture crowns cemented and bolted
- **Manufacturer / Supplier:**
anaxdent GmbH Olgastrasse 120A D-70180 Stuttgart
Tel. 0049 711 620092.0 Fax 0049 711 620092.29 email: info@anaxdent.com
- **Further information obtainable from:** Mr. Andreas Kopietz or Mr. Jens Erich

2 Hazards identification

- **Hazard description:** not applicable
- **Information pertaining to particular dangers for man and environment:** not applicable
- **Classification NFPA ratings for USA (Scale 0-4)**



- **HMIS-Ratings (Scale 0-4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

3 Composition / information on ingredients:

Chemical characterization:

CAS No. / Description: [9011-14-7] Poly (methyl-methacrylate)

4 First aid measures

- **General information:** No special measures required.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Induce vomiting and seek advice of physician.

5 Fire fighting measures

- **Suitable extinguishing media:** void.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Methods for cleaning / collecting:** pick up mechanically.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

Precautions for safe handling

- **Information for safe handling:** No special measures required.

Precautions for safe storage:

- **Requirements to be met by storage rooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** not required.
- **Further information about storage conditions:** Keep teeth away from heat and direct sunlight.

8 Exposurecontrols and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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<ul style="list-style-type: none">• Components with limit values that require monitoring 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 that were valid during the creation of this document were used as basis.• Personal protective equipment• General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Breathing equipment: Not required. Protection of hands: Not required. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material(s) are suitable: Natural rubber, NR Eye protection: Recommended during treatment with abrasive instruments. Body protection: Light weight protective clothing.
9 Physical and chemical properties <ul style="list-style-type: none">• General information Form: solid Colour: different according to colouring Odour: odourless• Change in condition Melting point / Melting range: undetermined Boiling point / Boiling range: undetermined• Flash point: not applicable• Danger of explosion: Product does not present an explosion hazard• Density: $1,18 \pm 0,02 \text{ g/ cm}^3$• Solubility in / Miscibility with Water: Insoluble Organic solvents: 0,0 %• Solids content: 100,0 %
10 Stability and reactivity <ul style="list-style-type: none">• Dangerous reactions: no dangerous reactions known.• Dangerous products of decomposition: none.
11 Toxicological information <p>Acute toxicity:</p> <ul style="list-style-type: none">• Primary irritant effect: On the eye: no irritant effect On the skin: no irritant effect Sensitization: No sensitizing effects known.• Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and information provided to us. The substance is not subject to classification according to the latest version of the EU lists.
12 Ecological information <ul style="list-style-type: none">• General notes: Generally not hazardous for water.
13 Disposal considerations <p>Product:</p> <ul style="list-style-type: none">• Recommendation: Smaller quantities can be disposed of with household waste. <p>Uncleaned packagings:</p> <ul style="list-style-type: none">• Recommendation: Packaging can be reused or recycled after cleaning.

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14 Transport regulations

Other applicable information

- Not a hazardous material with respect to these transportation regulations.

15 Regulations

SARA Section 355 (extremely hazardous substances) – Substance is not listed.

SARA Section 313 (specific toxic chemical listings) - Substance is not listed.

TSCA (Toxic Substances Control Act) - Substance is not listed.

Prop 65 – Chemicals known to cause cancer - Substance is not listed.

Prop 65 – Chemicals known to cause reproductive toxicity - Substance is not listed.

- **Carcinogenicity categories**

EPA (Environmental Protection Agency) - Substance is not listed.

IARC (International Agency for Research on Cancer) - Substance is not listed.

NTP (National Toxicology Program) - Substance is not listed.

Threshold Limit Value established by ACGIH) - Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health) - Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration) - Substance is not listed.

- **Markings according to EU Guidelines:** Observe the general safety regulations when handling chemicals.

The substance is not subject to classification according to EU lists and other sources of literature known to us.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

- **National regulations: Water hazard class:** Generally not hazardous for water.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** anax dent GmbH
- **Contact:** Mr. Andreas Kopietz