

# Safety data sheet

Revision: 06.11.2018

## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY:

**Product identifier** Pmma-Composite Based Cad/Cam Block  
**Trade name:** CADdent PMMA

**Application of the substance:** Splints

**Uses advised against:** No further information available.

### Details of the supplier of the safety data sheet

**Manufacturer/Supplier:** CADdent GmbH  
Laser- und Fräszentrum Augsburg  
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## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

**Chemical characterization:** Mixtures

**Description:** PMMA-Composite Cad/Cam block based on methacrylates

**Ingredients:** UDMA [Cas No.72869-86-4]

PMMA [Cas.No.9011-14-7]

Inorganic Fillers

No hazardous material is present in the ingredient.

**Dangerous components:** Void

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## 3. HAZARDS IDENTIFICATION:

**GHS classification:** It is not possible to classify it.

### Precautionary statements

**Prevention** Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust.

**Storage** Avoid high temperature and high humidity. Keep away from direct sunlight.

**Disposal** Dispose of contents and container in accordance with regulation.

## 4. FIRST AID MEASURES:

**Eye contact:** N/A

**Skin contact:** N/A

**Ingestion:** N/A

**Inhalation:** N/A

## 5. FIRE-FIGHTING MEASURES:

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<b>Suitable extinguishing media:</b>	Foam, CO <sub>2</sub> , dry chemicals.
<b>Extinguishing media should not be used:</b>	N/A
<b>Special exposure hazards arising:</b>	In case of fire, irritation gasses and fumes may emit.
<b>Special protective equipment:</b>	Wear fire protective cloth and self-contained breathing apparatus if necessary.

## 6. ACCIDENTAL RELEASE MEASURES:

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<b>Personal precautions, protective equipment and emergency procedures:</b>	Not required.
<b>Environmental precautions:</b>	No special measures required.
<b>Methods and material for containment and cleaning up:</b>	Pick up mechanically.
<b>Reference to other sections:</b>	No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7. HANDLING AND STORAGE:

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### Handling:

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#### Precautions for safe handling

Only adequately trained personnel should handle this product.

For use in dentistry only.

During thermal processing and/or shape cutting measures of extraction are required at working machines.

**Information about fire and explosion protection:** No special measures required.

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

### Storage:

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**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Specific end use(s):** No further relevant information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

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Exposure limits:	Chemical name	CAS No.	ACGIH TLV
	N/A	N/A	N/A

**Respiratory Protection:** N/A

**Hand Protection:** N/A

**Eye Protection:** Safety goggles

**Skin Protection:** N/A

**Limitation and monitoring to exposure at workplace:** Use suitable dust extractor device at workstation. Do not eat, drink or smoke while you are working. Keep away from food and drinks.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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<b>Appearance/Odor</b>	Odorless, disc block.
<b>Boiling point/Boiling range:</b>	N/D
<b>Melting point/Melting range:</b>	Softening temperature 100°C.
<b>Flash point:</b>	N/D

<b>Auto flammability:</b>	N/D
<b>Explosive properties:</b>	N/D
<b>Oxidizing properties:</b>	N/D
<b>Vapour pressure:</b>	N/D
<b>Relative density:</b>	1,19 gr/cm <sup>3</sup> at 20°C
<b>Solubility: water solubility</b>	Insoluble.

## **10. STABILITY AND REACTIVITY:**

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This is considered to be stable.

<b>Condition to avoid:</b>	Avoid direct sunlight and high temperature.
<b>Materials to avoid:</b>	N/A
<b>Hazardous decomposition products:</b>	None according to intended application. During thermal composition irritating and flammable fumes arise which irritate eyes and respiratory system. The fumes exist prevalent of methylmethacrylate.

## **11. TOXICOLOGICAL INFORMATION:**

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No information.

## **12. ECOLOGICAL INFORMATION:**

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No information.

## **13. DISPOSAL CONSIDERATIONS:**

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Disposal in accordance with federal, state and local regulations as Poly-acrylic's regulations.

## **14. TRANSPORT INFORMATION:**

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<b>Airline restriction information:</b>	It does not correspond.
<b>UN No:</b>	It does not correspond.
<b>Sea restriction information:</b>	It does not correspond.
<b>UN No:</b>	It does not correspond.

## **15. REGULATORY INFORMATION:**

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Follow all regulations in your country.

## **16. OTHER INFORMATION:**

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This product is intended for use by dental professionals. (Instrument/material)  
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.