

# SAFETY DATA SHEET



Date Prepared: 7.1.2015  
MSDS No.: PMMA Discs  
Revision No.: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** PMMA Discs (All shades & Colors) **USE**

**OR APPLICATION:** Used to produce crown/bridges

<u>Company Information:</u>	<u>USA</u>	<u>International</u>
Company Name:	Harvest Dental Products, LLC	Harvest HPdent GmbH Erwin-Dietrich-Straße 5
Street:	905 Columbia St	1
City/ Zip:	Brea, 92821	78244 Gottmadingen
State/ Province:	California	BW
Country:	USA	Germany
Telephone:	1+714-674-7400	+49 7731 38 11 044
Emergency Telephone:	Infotrac: 1+800-535-5053	Infotrac INTL: 1+352-323-3500 (Collect)

## 2. HAZARDS IDENTIFICATION

**Hazard description:** not applicable

**Information pertaining to particular dangers for man and environment:** not applicable

**Classification system:**

**NFPA ratings for USA (Scale 0 - 4)**

Health = 0

Fire = 0

Reactivity = 0

**HMIS-Ratings (Scale 0 – 4)**

Health = 0

Fire = 0

Reactivity = 0

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical characterization:**

**CAS No. / Description:**

[9011-14-7] Poly (methyl-methacrylate)

[1317-80-2] Biocompatible Pigments (Titanium dioxide)

[1309-37-1] Biocompatible Pigments (Iron oxide)

[20548-54-3] Fluorecent Calcium Sulphide

[1314-96-1] Fluorecent Strontium Sulphide

[1309-48-4] Fluorecent Magnesium Oxide

[97-90-5] EDMA – Ethylene Glycol Dimethylacrylate.

## 4. FIRST AID MEASURES

**General information:** No special measures required.

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**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 MEASURE

**Suitable extinguishing agents:** 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.

**Measures for cleaning / collecting:** pick up mechanically

**Additional information:** No dangerous substances are released.

## 7. HANDLING AND STORAGE

### Handling

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

**Information about protection against explosions and fires:** No special measures required.

### Storage

**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:** Keep teeth away from heat and direct sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**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.

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## 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

### *General information*

**Form:** Solid **Color:** Different according to coloring **Odor:** Odorless

### *Change in condition*

**Melting point / Melting range:** undetermined **Boiling point / Boiling range:** undetermined

**Flash point:** Not applicable

**Danger of explosion:** Product does not present in explosion hazard

**Density:** 1,18 ± 0,02 g/cm<sup>3</sup>

### *Solubility in / Miscibility with*

**Water:** Insoluble

**Organic solvents:** 0.0 %

**Solids content:** 100.0 %

## 10. STABILITY AND REACTIVITY

**Dangerous reactions:** no dangerous reactions known.

**Dangerous products of decomposition:** none.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**

**Primary irritant effect:**

**on the skin :** No irritant effect.

**on the eye :** No irritating 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

**General notes:** Generally not hazardous for water.

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## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. TRANSPORT INFORMATION

### DOT regulations:

Hazard class: -

Land transport ADR/RID (cross-border):

ADR/RID class: -

Maritime transport IMDG:

IMDG class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA class: -

## 15. REGULATORY INFORMATION

### 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).

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## 16. OTHER INFORMATION

**PREPARED BY:** Sasha DerAvanessian

**REVISION SUMMARY:** This SDS replaces all prior MSDS.

HMIS RATING:

RATINGS:

0 = Minimal

2 = Slight

3 = Serious

4 = Severe

NFPA CODES



### MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, Harvest Dental Products, LLC does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.