

# SAFETY DATA SHEET



Date Prepared: 7.1.2015  
MSDS No.: DuraPattern  
Revision No.: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** DuraPattern

**USE OR APPLICATION:** Light Cure Pattern Resin

**Company Information:**

**USA**

**International**

Company Name: Harvest Dental Products, LLC  
Street: 905 Columbia St.  
City/ Zip: Brea, 92821  
State/ Province: California  
Country: USA  
Telephone: 1+714-674-7400  
Emergency Telephone: Infotrac: 1+800-535-5053

Harvest HPdent GmbH  
Erwin-Dietrich-Straße 5  
78244 Gottmadingen  
BW  
Germany  
+49 7731 38 11 044  
Infotrac INTL: 1+352-323-3500 (Collect)

## 2. HAZARDS IDENTIFICATION

- 2.1 Hazard Classification:** (according to communitarian directives 67/548/EEC&99/45/EC)  
This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Hazardous Ingredients:** (according to communitarian directives 67/548/EEC&99/45/EC)

<u>Ingredients</u>	<u>%</u>	<u>Hazard Symbols</u>	<u>Risk Phrases</u>	<u>CAS No</u>	<u>EINECS</u>
This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).					

- 3.2 Further Information:**  
No further data

## 4. FIRST AID MEASURES

- 4.1 Eye:** Flush eyes with water for at least 15 minutes.  
**4.2 Skin:** Wash with soap and water.  
**4.3 Inhalation:** Remove to fresh air.  
**4.4 Ingestion:** Consult physician.

## 5. FIRE FIGHTING MEASURE

- 5.1 Suitable Extinguishing media:** Foam, dry powder, carbon dioxide.  
**5.2 Forbidden extinguishing Media:** Full water jet  
**5.3 Special firefighting measures:** NA  
**Unusual fire and explosion**  
**5.4 hazard:** NA  
**5.5 Special protection equipment:** NA

# SAFETY DATA SHEET



Date Prepared: 7.1.2015  
MSDS No.: DuraPattern  
Revision No.: 2

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions:** Ensure adequate ventilation.
- 6.2 Environmental Precautions:** Avoid product spillage in sewage or drainage.
- 6.3 Reclaiming Methods:** Wipe up with paper towels and dispose of in a suitable container.

## 7. HANDLING AND STORAGE

- 7.1 Handling precautions:** Avoid product spillage.
- 7.2 Precautions in case of fire:** NA
- 7.3 Storage conditions:** Store in cool, dry place.
- 7.4 Suggested container:** Original Mfr. Container.
- 7.5 Environmental Precautions:** Do not allow product to reach sewers and rivers.
- 7.6 Other precautions:** Use according to directions

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- | <u>8.1</u> | <u>Exposure Limits:</u> | <u>Chemical name:</u> | <u>ml/m<sub>3</sub></u> | <u>mg/m<sub>3</sub></u> | <u>Category</u> | <u>Origin</u> |
|------------|-------------------------|-----------------------|-------------------------|-------------------------|-----------------|---------------|
|            |                         | NA                    | NA                      | NA                      | NA              | NA            |
- 8.2 Exposure Controls:** NA
- 8.3 Ventilation:**
- Local exhaust ventilation: None
- Special ventilation: None
- Mechanical ventilation: None
- Other Ventilation: None
- 8.4 Respiratory Protection:** Prolonged exposure may cause drowsiness.
- 8.5 Hands Protection:** Protective gloves recommended.
- 8.6 Eyes Protection:** Tightly sealed safety glasses.
- 8.7 Skin Protection:** Prolonged exposure may be irritating to the skin.
- 8.8 Other:** None.
- 8.9 Environmental exposure control measures:** Do not empty into drains or the aquatic environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 General information:**
- Appearance: Pink liquid
- Odor: odorless
- 9.2 Information related to health, safety and environment**
- |                       |       |                          |                          |
|-----------------------|-------|--------------------------|--------------------------|
| <u>pH:</u>            | NA    | <u>Relative density:</u> | ca 1,1 g/cm <sup>3</sup> |
| <u>Boiling point:</u> | ND    | <u>Specific gravity:</u> | N/A                      |
| <u>Flash Point:</u>   | >150C | <u>Solubility:</u>       | Insoluble                |

# SAFETY DATA SHEET



Date Prepared: 7.1.2015  
MSDS No.: DuraPattern  
Revision No.: 2

<u>Flammable:</u>	No	<u>Viscosity (dynamic):</u>	ca. 250 Pa*s
<u>Lower Explosivity Limit:</u>	NA	<u>Viscosity (cinematic)</u>	Not determined.
<u>Upper Explosivity Limit:</u>	NA	<u>Vapor density (air=1):</u>	Not determined.
<u>Oxidation:</u>	NA	<u>Evaporation rate:</u>	N/E
<u>Vapor Pressure:</u>	NA	<u>Melting point:</u>	N/E

## 9.3 Other information (according to communitarian directive 94/9/EC)

Miscibility:	Not determined.	Conductibility:	N/A
Solubility in Lipids:	Not available	Gases Group:	N/A

## 10. STABILITY AND REACTIVITY

<u>10.1</u>	<u>Stability:</u>	NA Reactions with strong oxidizing agents, peroxides, light.
<u>10.2</u>	<u>Conditions to avoid:</u>	
<u>10.3</u>	<u>Materials to avoid:</u>	N/A
<u>10.4</u>	<u>Hazardous decomposition products:</u>	N/A
<u>10.5</u>	<u>Further information:</u>	None

## 11. TOXICOLOGICAL INFORMATION

<u>11.1</u>	<u>Acute oral toxicity:</u>	N/A
<u>11.2</u>	<u>Acute inhalation toxicity:</u>	N/A
<u>11.3</u>	<u>Acute dermal toxicity:</u>	N/A
<u>11.4</u>	<u>Irritation and corrosively:</u>	N/A
<u>11.5</u>	<u>Sensitizing effects:</u>	None known
<u>11.6</u>	<u>Effects after prolonged exposure:</u>	Could cause skin irritation.
<u>11.7</u>	<u>Toxic-kinetic effects:</u>	NA
<u>11.8</u>	<u>Effects on metabolism:</u>	NA

## 12. ECOLOGICAL INFORMATION

<u>12.1</u>	<u>Toxicity:</u>	Not available.
<u>12.2</u>	<u>Mobility:</u>	Not available.
<u>12.3</u>	<u>Persistence and degradability:</u>	Not available.
<u>12.4</u>	<u>Biocommulative potential:</u>	Not available.
<u>12.5</u>	<u>Results of PBT assessment:</u>	Not available.
<u>12.6</u>	<u>Other adverse effects:</u>	Not available.

## 13. DISPOSAL CONSIDERATIONS

# SAFETY DATA SHEET



Date Prepared: 7.1.2015  
MSDS No.: DuraPattern  
Revision No.: 2

## 13.1. Waste treatment methods

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

## 14. TRANSPORT INFORMATION

### 14.1 DOT Land transport (ADR/ RID) (49 CFR 172.101):

Not a hazardous material with respect to these transportation regulations.

### 14.2 Air transportation (IATA):

Not a hazardous material with respect to these transportation regulations.

### 14.3 Sea transportation (IMDG)

Not a hazardous material with respect to these transportation regulations.

## 15. REGULATORY INFORMATION

### 15.1 Risk Phrases:

36/37/38 Irritating to eyes, respiratory system and skin.

### 15.2 Safety Phrases

2 Keep out of the reach of children.

9 Keep container in a well ventilated place.

25 Avoid contact with eyes.

### 15.3 Further info:

The information is based on present level of our knowledge. It does not however, give assurances of product properties and establishes no contract legal rights.

### 15.4 Sources of key data used to compile the Safety Data Sheet:

O.S.H.A. [www.osha.gov](http://www.osha.gov)

European Chemicals Bureau (ECB) [www.ecb.jrc.it](http://www.ecb.jrc.it)

European Chemical Substances Information (ESIS) [www.ecb.jrc.it/esis](http://www.ecb.jrc.it/esis)

A.C.G.I.H. [www.acgih.org](http://www.acgih.org)

N.I.O.S.H. [www.cdc.gov/niosh](http://www.cdc.gov/niosh)

U.E. [www.europa.eu/index\\_it.htm](http://www.europa.eu/index_it.htm)

I.A.R.C. [www.iarc.fr](http://www.iarc.fr)

N.T.P. [www.ntp.niehs.nih.gov](http://www.ntp.niehs.nih.gov)

## 16. OTHER INFORMATION

# SAFETY DATA SHEET



Date Prepared: 7.1.2015  
MSDS No.: DuraPattern  
Revision No.: 2

**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.