

# SAFETY DATA SHEET

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Revision: R01

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifiers

**Product Name:** Light Cure Custom Tray

### Recommended Use of the substance or mixture and Restrictions on Use

**Intended Use:** Making of individual impression and functional trays. Occlusal registration. Precise impression for partial or total prosthetics.

### Details of the Supplier of the Safety Data Sheet

#### **Company Name:**

Astron Dental Corporation

#### **Supplier Address:**

815 Oakwood Road, Unit G  
Lake Zurich, IL. 60047 (USA)

**Email:** customerservice@astrondental.com

### Emergency Telephone Numbers

**Company Phone Number:** 847-726-8787 (During Business Hours, 8:00am – 4:00pm CST)

**Emergency Telephone:** Infotrac: 800-535-5053

## 2. HAZARDS IDENTIFICATION

**Potential Hazards:** Irritant

**Additional hazard advices for human and environment:** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### **Chemical characterization:**

#### **Hazardous ingredients:**

Ingredients	Cas-No.	Percentage (%)	Identification
Oligomeric urethane acrylate	-	0-10	-
Vinyl ester resin (acrylates)	-	0-10	None
Triethylenglykoldi-methacrylate	109-16-0	0-10	None
Phophine oxide	-	0-1	-

## 4. FIRST AID MEASURES

**General Advices:** In all cases of doubt, or when symptoms persist, seek medical advice.

**Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Seek medical attention if skin continues to be irritated.

**Eye:** Irrigate copiously with clean water for 15 minutes, holding the eyelids apart. Seek medical attention if irritation persists.

**Inhalation:** Remove to fresh air.

**Ingestion:** Seek medical advice immediately.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing agents:** Foam, dry powder, carbon dioxide, waterspray-stream.  
Adjust fire fighting measures to ambiance.

**For safety reasons unsuitable extinguishing media:** None

**Particular danger through the product itself, its combustion products or gusts:** Not known.

**Protective equipment for fire-fighters:** Use conventional measures to combat chemical fires. Use self-contained breathing apparatus (isolating-unit).

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Use good personal hygiene. Wash hands before eating, drinking, smoking and/or using toilet.

**Environmental protection measures:** Do not allow to enter drains or waterways.

**Methods for clean up:** Dispose of material in accordance with local, state, and federal regulations.

**7. HANDLING AND STORAGE**

**Handling:** Use conventional precautions when working with chemicals.

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

**Storage conditions:** Storage time: 3 years  
Store at a cool, dry and light protected place.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Personal protective equipment:** Comply with conventional precautions when working with chemicals.

<b>Breathing:</b>	None
<b>Eye:</b>	Wear protection goggles when working with material.
<b>Skin:</b>	If prolonged skin contact will occur, use gloves designed for routine industrial use.
<b>Body:</b>	Wear business usual protection clothes.

**Other protection measures:** None

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Upper jaw and lower jaw pattern, kneadable mass
<b>Appearance</b>	dough-like mass
<b>Color</b>	Blue
<b>Odor</b>	Acrylates / methacrylates
<b>Flash point</b>	Not available
<b>Density</b>	Not available
<b>Solubility in water</b>	Insoluble
<b>Ph-value:</b>	Not applicable

**10. STABILITY AND REACTIVITY**

**Conditions to avoid:** Heat, sun and light impact to avoid polymerization.

**Hazardous decomposition products:** None.

**Further Information:** Do not exceed storage time or temperature.

**11. TOXICOLOGICAL INFORMATION****Acute Toxicity**

**Skin:** Irritation

**Eyes:** Irritation

**Respiratory system:** Irritation

**Further Information:** Use conventional precautions when working with chemicals. Methacrylates may cause allergic reaction.

**12. ECOLOGICAL INFORMATION**

**Fish toxicity:** Not applicable

**Water organism:** Not applicable

**Bacteria toxicity:** Not applicable

**Further detail to ecology:** Do not allow product to reach ground water, lakes, waterways and/or sewage systems.

**Bioaccumulative potential:** No data available

**Effect of the determination of the PTB- and vPvB- Report:** Potential endocrine disruption.

**13. DISPOSAL CONSIDERATIONS**

**Substance / Preparation:** Dispose of in accordance with federal, state and local regulations. Do not reuse empty containers.

**14. TRANSPORT INFORMATION****Land transport:****Classification:**

**Class:** - (non hazardous material)

**UN-Number:** -

**Description of the goods:** Light cure tray material

**Packaging group:** Not applicable (non flammable)

**Hazard sheet:** Not applicable

**Maritime transport IMDG:****Classification:**

**IMDG Code:** -

**UN Number:** -

**EmS:** -

**Marine Pollutant:** No

**Description of the good:** Light cure tray material

**Hazard cause:** -

**Packaging group:** N/A (non flammable)

**Hazard sheet:** N/A

**Air transport ICAO/IATA****Classification:****Class: -****UN-Number: -****Description of the good:** Light cure tray material**Hazard cause: -****Packaging:****Packaging group:** not applicable, because it is not flammable substance**Hazard sheet:** not applicable**15. REGULATORY INFORMATION****GHS Labeling****Warning****H315** Causes skin irritation**H319** Causes serious eye injury**H335** May cause respiratory irritation**National Rules****Water hazard class**

Water Hazard Class 2 (Estimation on the basis of the ingredients)

**16. OTHER INFORMATION****Manufacturer's suggested application restriction:**

Professional use only.

Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

**Disclaimer of Liability**

The information in this SDS was obtained from sources which we believe to be reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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