

REV.	CO #	DATE RELEASED	DRN	CHK	CHK
1/8/98	98-0013	1/9/98	CO	CO	PZ
3/10	10-0080	12 APR 10	RL	WIB	SL

MATERIAL SAFETY DATA SHEET (MSDS)  
CHAIRSIDE LIGTH CURE



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**ZEST ANCHORS**

2061 WINERIDGE PLACE ESCONDIDO, CA 92029

TITLE:

MATERIAL SAFETY DATA SHEET (MSDS)  
CHAIRSIDE LIGTH CURE

DWG. NO.

MSDS-CLC

REV

3/10

DRAWING NOT TO SCALE

MATERIAL: N/A

FORM136 REV. A

NOTE: Do not copy cover sheet when issuing to Traveler



# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** Zest Chairside Clear and Zest Chairside Pink

**Product Description:** Light Cure Denture Resin

**Product Numbers:** 09403-P, 09404-P, 09412-P, 09413-P

**Distributed By:** Zest Anchors, LLC

2061 Wineridge Place

Escondido, CA 92029

**24 HR Emergency Telephone Number:** 1-800-255-3924

## 2. COMPOSITION/INFORMATION OF INGREDIENTS

**Synonyms:** 2,2'-ethlenedioxydiethyl dimethacrylate

**Formula:** C<sub>14</sub>H<sub>22</sub>O<sub>6</sub>

**Molecular Weight:** 286.32 g/mol

Chemical Name	CAS	EINECS	Classification	Content
Triethylene Glycol Dimethacrylate	109-16-0	203-652-6	Xi;R36/37/38	5

## 3. HAZARDS IDENTIFICATION

### Hazard Designation

"Xi": Irritant

R36/38: Irritating to eyes and skin

### Emergency Overview

**Immediate Concerns:** No adverse human effects

### Potential Health Effects

**Eyes:** R36: Irritating to eyes

**Skin:** R38: Irritating to skin

**Ingestion:** Harmful if swallowed

**Inhalation:** Low hazard for usual industrial or commercial handling

### HMIS Rating

Health: 3

Flammability: 0

Reactivity: 1

### NFPA Rating

Health: 3

Flammability: 0

Reactivity: 1

**4. FIRST AID MEASURES**

**Eyes:** Flush eye with water for 15 minutes. Get medical attention.

**Skin:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**5. FIRE FIGHTING MEASURES**

**Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

**Fire Fighting Equipment:** Water spray, fog, or mist, foam dry chemical, carbon dioxide (CO<sub>2</sub>)

**6. ACCIDENTAL RELEASE MEASURES**

**Small Spill:** Clean up spills immediately, observing precautions in Protective Equipment section. Soak up with inert absorbent material and dispose of as hazardous waste.

**Comments:** Refer particularly to local circumstances and regulations.

**7. HANDLING AND STORAGE**

**Storage:** Keep refrigerated.

**Storage Temperature:** 3<sup>0</sup>C Minimum to 7<sup>0</sup>C Maximum

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Personal Protective Equipment**

**Eyes and Face:** Wear safety glasses with side shields (or goggles) and a face shield.

**Skin: S36/37:** Wear suitable protective clothing and gloves.

**Safety Data**

**pH:** no data available

**Melting point:** no data available

**Boiling point:** 170 – 172 °C at 7 hPa

**Flash point:** 167 °C – closed up

**Ignition temperature:** no data available

**Lower explosion limit:** no data available

**Upper explosion limit:** no data available

**Density:** 1,092 g/mL at 25<sup>0</sup>C

**Water solubility:** no data available

**Partition coefficient:** POW 1,88  
n-octanol/water

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Viscous Liquid

**Odor:** Acrylic

**Color:** Yellowish tint for Clear Light Cure Denture Resin  
Pink tint for Pink Light Cure Denture Resin

**10. STABILITY AND REACTIVITY**

**Stability:** Stable when stored and handled under recommended conditions.

**Polymerization:** Polymerization occurs when exposed to visible light, ultraviolet light or extreme heat.

**Incompatible Materials:** Tertiary amines, reducing agents, heavy metals, peroxides, free radical initiators.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

**LD50 Oral – rat – 10.837 mg/kg**

**LD50 Oral – mouse – 10.750 mg/kg**

**TDLo Oral – rat – 7.889 mg/kg**

**Eye Effects:** May be mildly irritating to eyes.

**Skin Effects:** Mildly to moderately irritating.

**12. ECOLOGICAL INFORMATION**

**Environmental Data:** No data available. Do not let product enter drains.

**13. DISPOSAL CONSIDERATIONS**

**Disposal Method:** Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

**14. TRANSPORT INFORMATION**

**Road and Rail (ADR/RID):** Not classified

**Air (ICAO/IATA):** Not classified

**Vessel (IMO/IMDG):** Not classified

**15. REGULATORY INFORMATION****Labeling according to EC Directives**

“Xi”: Irritant

R36/38: Irritating to eyes and skin

S36/37: Wear suitable protective clothing and gloves

## 16. OTHER INFORMATION

**Manufacturer Disclaimer:** FOR DENTAL USE ONLY: Use only as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Zest Anchors, LLC, makes no warranty, expressed or implied, with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Revised: 3/2010