



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE

**Product name:** Ultimate Light Cure Tray Material

**Company name:**  
Ultimate Dental Supplies  
660A South Rd  
Moorabbin Vic 3189

**Tel:** (03) 9532 1799 **Fax** (03) 9555 9458 **info@ultimatedental.com.au**  
**Emergency Tel:** 13 11 26 (Poisons Hotline 24 hours/7 days)

<b>Hazard Rating:</b>	<b>Health:</b>	1	4=EXTREME
<b>Flammability:</b>	0		3=HIGH
<b>Reactivity:</b>	0		2=MODERATE
			1=SLIGHT

### 2. COMPOSITION AND INGREDIENTS

**Chemical characterization:** Light curing custom tray material based on esters of acrylic acids and glass fillers

**Description:**

**Hazardous components:** Acrylic Esters

<u>Index-No.:</u>	<u>Name</u>	<u>R-classification</u>
607-133-00-9	Acrylic Ester	Xi, R36/37/38

### 3. HAZARDS IDENTIFICATION

**Risk identification:**

**Special risks for Human beings and Environment:** Irritating eyes, respiratory and skin

**Classification:** Classification corresponds to actual EEC guidelines

### 4. FIRST AID INFORMATION

**General Information:**

**After skin contact:** Wash with plenty of water and soap

**After eye contact:** Rinse with plenty of water and consult a physician

**After swallowing:** Seek medical advice immediately



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**5. FIRE-FIGHTING MEASURES**

**Extinguishing Media:** CO<sub>2</sub>, water, foam, powder

**Special Fire Fighting Procedures:** use self contained breathing apparatus and protective equipment.

**Unusual Fire Hazards:** None

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None

**Environmental Precautions:** Do not let the material come into contact with the environment in a not cured state

**Clean-up Procedures:** Not Cured Material: use isopropanole or ethyl acetate  
Cured Material: treat like plastic disposal

**7. HANDLING AND STORAGE**

**Handling Requirements:** Keep out of reach of children

**Recommendations for fire and explosion protection:**

**Storage:** Store at a dry place, at room temperature, store away from food stuffs

**Requirements at storerooms and containers:** Store trays cool, dry and protect them against light and keep them closed

**Additional storage conditions:** None

**Storage Classification:**

**VBF Classification:**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Additional Information for technical plants:**

**Components with limits of values to be supervised at the workplace:**

**Additional Information:**

**General Measures of Protection:** Avoid contact with eyes and skin

**Hand Protection:** Protective gloves recommended

**Eye Protection:** Safety glasses recommended

**Hygiene:** Normal hygienic measures

**Respiration:** Not necessary

Issued: 04/07/2020

Revision: 3



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

**Form:** Kneadable stiff paste

**Odour:** Weak

**Information on the change in the physical state:**

**Melting Point:** N/A

**Boiling Point:** N/A

**Flash Point:** >150 °C DIN 51758

**Autoignation temperature:** N.D.

**Danger of Explosion:** None (non volatile)

**Vapor Pressure:** N/A

**Vapor Density:** 1,84 g/cm<sup>3</sup>

**Viscosity:** Kneadable stiff consistency

**pH:** Neutral

**Solubility in/miscibility with:** Slightly in isopropanole; soluble in acetic acid ester

**Water:** Insoluble

**Content of solvents:** None

**Organic solvents:** N/A

**Water:** N/A

**Content of solids:** N/A

## 10. STABILITY AND REACTIVITY

Unstable by heat, direct sunlight and radical starters

**Incompatibility with other substances:** Heat, sunlight and light

**Hazardous Decomposition Products:** None by proper use

**Other Recommendations:** Read and follow all directions for use.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity: Swallowing:** >60 000 mg/kg (estimated)

Primary Irritation:

**Skin:** Non Irritating (species rabbit)

**Eye:** Irritating

**Inhalation:** Non Volatile

**Ingestion:** Possible toxic when swallowed

**Sensitization of product:** not observed

**Additional toxicological information:** Allergic reaction to methacrylate by chronic exposition to product are possible. During the long period of use as tray material no health diseases are reported.

## 12. ECOLOGICAL INFORMATION

**General Information:**

**Degrance:** Not Determined

**Fish toxicity:** Not Determined

**Classification of water endangerment:** 2 (self estimation)

**Additional Information:** Do not let the not cured product come into contact with the environment.

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### 13. DISPOSAL CONSIDERATIONS

**Recommendation:** not cured material use proper landfill disposal in accordance with local, state and federal regulations.

**Disposal Key Number:** 55373 (other not halogenous solvents)

**Uncleaned Packaging:** N/A

### 14. TRANSPORT INFORMATION

**Land Transport:** Not classified as dangerous goods

**Sea Transport:** Not classified as dangerous goods

**Air Transport:** Not classified as dangerous goods

### 15. REGULATORY INFORMATION

**Classification according to EEC guidelines:**

**According to GEFStoffV/EG:** Classification Necessary ( Acrylic acid methyl ester)

**Danger Symbols:** Xi Irritating

**Danger (R-symbols):** R 36/37/38 Irritating eyes, respiration, skin

**Security (S-symbols):** S 26 by contact with eyes rinse with plenty of water and consult a physician  
S 28.3 By contact with skin wash immediately with water and soap

**National Prescriptions:** None

**Classification according to VbF:** N/A

### 16. OTHER INFORMATION

Other Information:

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to product properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.