

## Material Safety Data Sheet

Product Name: CPS Proprietary Initiator: TPO-Li

Revision Date: 7/30/14

### 1. Product and Company Information

Product Name CPS Proprietary Initiator: TPO-Li

Product Number CPS Proprietary Initiator: TPO-Li

Company Colorado Photopolymer Solutions, LLC  
Address 1880 S Flatiron Ct, Suite J  
Boulder, CO 80303

Telephone Number 303-520-4107

### 2. Composition/Information on Ingredients

Proprietary Photoinitiator

### 3. Hazards Identification

#### Classification of substance or mixture:



GHS07 H317 May cause allergic skin reaction

Skin sens 1B



GHS05 H411 Toxic to aquatic life with long lasting effects

Aquatic Acute 2  
Chronic Aquatic 2

### 4. First Aid Measures

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious.  
Call a physician.

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.

Ingestion: If ingested seek medical attention immediately.  
If large quantity swallowed, give lukewarm water (pint) if victim completely conscious/alert. Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. Obtain emergency medical attention.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen and call a physician.

## 5. Fire Fighting Measures

Flash Point: Unknown on product

Autoignition Temperature: Unknown on product

Flammability: Unknown on product

Fire Fighting Information: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.

Extinguishing Media: Water spray, foam, dry chemical, or carbon dioxide.

## 6. Accidental Release Measures

Personal precautions: Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Environmental precautions: Keep out of drains and water courses.

Methods for cleaning up: Absorb with an inert material and then place in a chemical waste container, and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

## 7. Handling and Storage

### Handling

User Exposure: Do not breathe vapor. Do not get in eyes, on skin, or on clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

### Protection against fire and explosion:

Take precautionary measures against static discharges.

### Storage

The storage temperature should not exceed 100 °F. Keep tightly closed. Store in a cool, dry, well ventilated place. Do not expose to ultraviolet light.

High temperatures (>80 C), pressure and contamination with peroxides may result in autopolymerization of the product.

## 8. Exposure Controls / Personal Protection

Engineering Controls:	Ensure adequate ventilation. Safety shower and eye bath. Recommended use in a chemical fume hood.
Eye Protection:	Eye and face protection recommended.
Hand Protection:	Chemical-resistant gloves recommended.
Skin and Body Protection:	Skin protection recommended.
Ventilation:	Provide natural or mechanical ventilation to minimize exposure.

## 9. Physical and Chemical Properties

Appearance:	White powder
Physical State:	Solid

## 10. Stability and Reactivity

### Chemical Stability

Stable under recommended storage conditions.

### Hazardous Polymerization

Reacts rapidly upon exposure to ultraviolet light.

### Hazardous Decomposition Products

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological Information

### Route of Exposure

Inhalation: Material is irritating to mucous membranes and upper respiratory tract.

Multiple Routes: Causes eye and skin irritation. May be harmful by inhalation, ingestion, or skin absorption.

Signs and Symptoms of Exposure  
Nausea, headache, and vomiting.

#### 12. Ecological Information

Unknown on product.

#### 13. Disposal Considerations

Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

#### 14. Transport Information

Not regulated for transportation.

#### 15. Regulatory Information

OSHA hazard category: Not hazardous;

EPCRA 311/312 (Hazard categories): Not hazardous;

#### 16. Other Information

Additional Advice: None

Literary Reference: None

#### Disclaimer:

The information and recommendations contained herein are believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Colorado Photopolymer Solutions assumes no responsibility and shall not be held liable for any damage resulting from handling or from contact with the above product.