



## MATERIAL SAFETY DATA SHEET - MSDS

## RAPID SET® Light

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## SECTION 1 – PRODUCT AND COMPANY INFORMATION

**Supplier**

CTS Cement Manufacturing Corp.  
11065 Knott Ave., Suite A  
Cypress, CA 90630, United States  
Telephone Number: 714-379-8260  
FAX Number: 714-379-8270  
Email: info@ctscement.com  
Website: www.ctscement.com

**Manufacturer**

CTS Cement Manufacturing Corp.  
11065 Knott Ave., Suite A  
Cypress, CA 90630, United States  
Telephone Number: 714-379-8260  
FAX Number: 714-379-8270  
Email: info@ctscement.com  
Website: www.ctscement.com

Health	1
Fire	0
Reactivity	0
Personal Protection	E

**Supplier Emergency Contact**

1-714-379-8260

**Manufacturer Emergency Contact**

1-714-379-8260

**Product Name:** Rapid Set Light**CAS Number:** 13463-67-7**Chemical Family:** TiO<sub>2</sub>**MSDS Number:** \*\*\*\*\***Product Code:** \*\*\*

## SECTION 2 – COMPONENT INFORMATION

<b>Ingredient (Specific Chemical Identity, Common Name)</b>	<b>CAS Number</b>	<b>% of Total Weight</b>
Titanium Dioxide	13463-67-7	60-100

## SECTION 3 – HAZARDOUS INFORMATION

**Primary Route(s) of Entry:** Inhalation, Skin, Eye, Ingestion.**Inhalation Hazards:** Lung irritant,. Single exposure to dust is not likely to be hazardous.**Skin Hazards:** Irritating to skin.**Eye Hazards:** May severely irritate eyes.**Ingestion Hazards:** Do not ingest.**Chronic Exposure:** No chronic health effects known.**Carcinogenic Effects:** Not Available



#### SECTION 4 — FIRST AID INFORMATION

<b>Inhalation:</b>	Remove the individual to fresh air. If irritation persists, get medical attention. If not breathing give artificial respiration. If breathing difficult give oxygen.
<b>Skin:</b>	Flush with soap and water immediately. Get medical attention if irritation develops.
<b>Eye:</b>	Remove contact lenses. Flush eyes with water for 15 minutes. Get medical attention if irritation occurs.
<b>Ingestion:</b>	Do not induce vomiting. Get medical attention.

#### SECTION 5 — PHYSICAL & CHEMICAL PROPERTIES

<b>Boiling Point:</b> 4982°F	<b>Specific Gravity:</b> 4.26 g/cm <sup>3</sup>	<b>Melting Point:</b> 3371°F
<b>Vapor Pressure (mm Hg):</b> None	<b>Vapor Density (AIR = 1):</b> None	<b>Evaporation Rate:</b> None
<b>Solubility in Water:</b> Insoluble		
<b>Appearance and Odor :</b> White Powder Odor NA		

#### SECTION 6 — FIRE & EXPLOSION PROPERTIES

<b>Flash Point :</b> Not Available	<b>Flammable Limits:</b> N/A	<b>LEL:</b> N/A	<b>UEL:</b> N/A
<b>Extinguishing Media:</b> N/A	<b>Special Fire Fighting Procedures:</b> Incandescent reaction with metals may occur at high temperatures		

#### SECTION 7 — REACTIVITY INFORMATION

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> Reactions with acids and metals
<b>Hazardous Polymerization:</b> Will not occur.	
<b>Hazardous Decomposition or Byproducts:</b> None.	
<b>Incompatible Materials:</b> Reaction of titanium oxide and lithium occurs at 200°C. The temperature can reach 900°C. Acids and metals.	

#### SECTION 8 — ACCIDENTAL RELEASE MEASURES

Use enclosures, exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If dust occurs, use ventilation to keep exposure to airborne contaminants below exposure limit.

#### SECTION 9 — HANDLING AND STORAGE

**Waste Disposal Method:** Material which cannot be reclaimed should be landfilled in accordance with local, state, and federal regulations. Material in the process of auto-oxidation should not be disposed of in a landfill until the reaction is complete and ambient temperature is reached.

**Handling and Storage Precautions:** Keep in dry area. Avoid contact with oxidizing materials.



## SECTION 10 — EXPOSURE CONTROL MEASURES

**Engineering Controls:** Use with adequate ventilation to control airborne dust levels to recommended exposure limits.

**Eye Protection:** Safety glasses with side shields or goggles are recommended.

**Skin Protection:** Impervious gloves, boots and clothing are recommended to protect the skin from contact

**Respiratory Protection:** Use a MSHA, OSHA or NIOSH approved respirator.

**Hygienic Practices:** After handling, thoroughly wash hands and exposed skin with soap and water.

**Exposure Limits:** OSHA PEL 15 mg/m<sup>3</sup>; ACGIH TLV 10 mg/m<sup>3</sup>

## SECTION 11 — TOXICOLOGY INFORMATION

**Toxicity to Animals:** N/A

**Chronic Effects on Humans:** Heavy dust exposure may cause chronic rhinitis, bronchitis, impaired pulmonary function, silicosis, change in trachea or bronchi, pulmonary edema.

## SECTION 12 — ECOLOGICAL INFORMATION

N/A

## SECTION 13 — DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

## SECTION 14 — TRANSPORTATION INFORMATION

Not determined to be hazardous under the U.S. Department of Transportation. Not Regulated by DOT.

## SECTION 15 — OTHER REGULATORY INFORMATION

### **Federal and State Regulations:**

Illinois toxic substances disclosure to employee act: Titanium dioxide

Rhode Island RTK hazardous substances: Titanium dioxide

Pennsylvania RTK: Titanium dioxide

Minnesota: Titanium dioxide

Massachusetts RTK: Titanium dioxide

New Jersey: Titanium dioxide

TSCA 8(b) inventory: Titanium dioxide

### **Other Regulations:**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

### **Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

### **DSCL (EEC):**

Not available



## SECTION 16 — OTHER INFORMATION

**HMIS (U.S.A.):**

**Health Hazard: 1**

**Fire Hazard: 0**

**Reactivity: 0**

**Personal Protection: e**

**Protective Equipment:** Gloves (impervious). Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

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