

## SAFETY DATA SHEET

### Section 1 - Product and Company Identification

**Product:** White Dye  
**Version #:** Version #1  
**Date:** June 26, 2015  
**CAS #:** Non-Applicable  
**Product Use:** Mold Making and Casting  
**Manufacturer/Supplier:**  
**Company Name:** Alumilite  
**Company Address:** 315 E. North St.  
Kalamazoo, MI 49007

**Emergency Telephone Number:** Chemtrec 1-800-424-9300

### Section 2 - Hazards Identification

#### 2.1 GHS Classification

**Carcinogenicity:** Category 2  
**Specific target organ toxicity  
repeated exposure (Oral):** Category 2 (Kidney)

#### 2.2 GHS Signal Word, Hazard Statement, Symbol

**Pictograms by CLP/GHS:**  
**Signal Word:**



#### *Hazard Statements*

H351 Suspected of causing cancer.  
H373 May cause damage to organs (Kidney) through  
Prolonged or repeated exposure if swallowed.

#### *Precautionary Statements*

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have  
been read and understood.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/  
spray.  
P280 Wear protective gloves/ protective clothing/ eye  
protection/face protection.  
P308 + P313 IF exposed or concerned: Get medical  
advice/attention.  
P405 Store locked up.  
P501 Dispose of contents/ container to an approved  
waste disposal plant.

### Section 3 - Composition / Information on Ingredients

#### **Hazardous components:**

<b>Chemical Name</b>	<b>CAS-No.</b>	<b>Concentration [%]</b>
Titanium Dioxide	13463-67-7	>= 50 - < 70
Diethylene Glycol	111-46-6	>= 5 - < 10
Amorphous Silicon Dioxide	7631-86-9	>= 1 - < 5

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### Section 4 – First Aid

**General:** No hazards which require special first aid measures.  
**Eyes:** Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.  
**Skin:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.  
**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.  
**Inhalation:** Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Fire Fighting Instructions:** In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.  
**Flash Point:** >100°C (open cup)

### Section 6 – Accidental Release Measures

**General:** Wipe up with absorbent material (e.g. cloth, fleece).  
**Waste Disposal:** Keep in suitable, closed containers for disposal.

### Section 7 – Handling and Storage

**General:** For personal protection see section 8. No special handling advice required.  
**Storage:** Keep container closed when not in use.

### Section 8 – Exposure Controls & Personal Protection

Components	CAS-No.	Value type (Form of exposure)	Control parameters/ Permissible Concentration	Basis
Titanium Dioxide	13463-67-7	TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total dust)	10 mg/m <sup>3</sup>	OSHA P0
Diethylene Glycol	111-46-6	TWA	10 mg/m <sup>3</sup>	US WEEL

**Clothing:** For prolonged or repeated contact use protective gloves and protective suit.  
**Eyes:** Safety glasses.  
**Respiration:** No personal respiratory protective equipment normally required.  
**Ventilation:** Use local exhaust to control vapors/mists.

### Section 9 – Physical & Chemical Properties

**Color:** White  
**Form:** Viscous Liquid  
**Odor:** N/A  
**Specific Gravity:** N/A  
**pH:** N/A  
**Melting point/freezing point:** 0°C  
**Boiling point/boiling range:** 100°C  
**Water Solubility:** N/A  
**Flash point:** >100°C  
**Relative density:** N/A

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### Section 10 – Stability & Reactivity

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**Stability:** Stable under recommended storage conditions.  
**Hazardous Decomposition Products:** No decomposition if stored and applied as directed..  
**Conditions to Avoid:** No data available.

### Section 11 – Toxicological Information

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#### Acute toxicity

##### Product:

Acute oral toxicity: > 5,000 mg/kg  
Method: Calculation method

#### Components:

##### Diethylene Glycol:

Acute oral toxicity: LD0 (Humans): 1 g/kg

### Section 12 – Ecological Information (Non-Mandatory)

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#### Product:

Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances.  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

### Section 13 – Disposal Information (Non-Mandatory)

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**Waste Disposal:** Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Container Disposal:** Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

### Section 14 – Transportation Information (Non-Mandatory)

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Not regulated by the Department of Transportation

### Section 15 – Regulatory Information (Non-Mandatory)

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**Hazardous Rating:** No Hazards

### Section 16 – Other Information

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No data available



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To the best of our knowledge, the information contained herein is accurate. However, Alumilite does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although we have described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist. While the descriptions, designs, data, and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Alumilite hereunder are given gratis and Alumilite assumes no obligation or liability for the description, designs, data, and information given or results obtained, all such being given and accepted at your risk.

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