

# SAFETY DATA SHEET



Issue Date: June 26, 2017

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Version: 2017

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name: Silencure DOT**

**Other Means of Identification**

**SDS #: F1626**

**Recommended Use: Concrete Curing Compound**

**Restrictions on Use: No Data**

**Supplier of the Safety Data Sheet including Address:**

ChemMasters Inc.  
300 Edwards Street  
Madison, OH 44057

**Telephone Numbers**

**Company Phone Number**

Phone: 800-486-7866, 440-428-2105

Fax: 440-428-7091

**Emergency Telephone:** ChemTrec 800-424-9300

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**

**OSHA Hazards:**

**Causes eye irritation, may be harmful if swallowed, may cause an allergic skin reaction, causes mild skin irritation.**

**GHS Classification:**

**Eye damage/irritation – Category 2B**

**Acute Toxicity – Oral – Category 5**

**Skin Corrosion/Irritation – Category 3**

**Sensitization – Skin – Category 1A**

**Label Elements, including precautionary statements**

**Pictograms:**



**Signal Word: Warning**

**Hazard Statements:**

- H303 May be harmful if swallowed.  
 H316 Causes mild skin irritation  
 H320 Causes eye irritation.  
 H317 May cause an allergic skin reaction.

**Precautionary Statement(s)****Prevention:**

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 Wash hands and skin thoroughly after handling.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- P312 Call a POISON CENTER/doctor if swallowed and you feel unwell.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice or attention.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice or attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.

**Disposal:**

- P501 Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified: None Known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Component**

Water	CAS#: 7732-18-5	65-70%
Slack wax, petroleum	CAS#: 64742-61-6	10-15%
Triethoxyoctyl-Silane	CAS#: 2943-75-1	5-10%
Titanium Dioxide	CAS#: 13463-67-7	1-5%
Surfactant Blend	Proprietary	1-5%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First Aid Measures**

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Inhalation:** IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Ingestion:** IF SWALLOWED: Not expected to be harmful under normal conditions of use. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a POISON CENTER/doctor if you feel unwell.

**Skin Contact:** Wash off with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Material is not combustible. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide for the surrounding fire.

### **Specific Hazards Arising from the Chemical**

No specific data available.

### **Hazardous Combustion Products**

No specific data available.

### **Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus and full protective gear for firefighting.

### **Further Information**

See Section 7 for safe handling and storage.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

### **Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### **Methods and Material for Containment and Cleaning Up**

Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national/international regulations for disposal.

## 7. HANDLING AND STORAGE

### **Precautions for Safe Handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

### **Conditions for Safe Storage, Including any Incompatibilities**

**General information:** Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat. Keep from freezing. Store this product above 50 degrees F/10 degrees C and below 95 degrees F/35 degrees C.

**Safe Storage:** No Additional Data

**Incompatibilities:** None known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Exposure Guidelines**

#### **Component Exposure Limits**

Titanium Dioxide:

PEL 15 mg/m<sup>3</sup> OSHA 8 hr. TWA Total Dust; TLV 10 mg/m<sup>3</sup> ACGIH TWA

### Appropriate Engineering Controls

Local Ventilation: Recommended  
General Ventilation: Recommended

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection:** Use proper protection – Safety Glasses as a minimum

**Skin and Body Protection:** Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

**Respiratory Protection:** Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

#### **Physical State**

**Appearance:** Liquid

**Odor:** Mild

**Color:** White (Dries White)

**Odor threshold:** No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Available	
Melting/Freezing Point	32 Degrees F (0 Degrees C)	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	>201 Degrees F (>94 Degrees C)	Closed Cup
Flammability Limits	Not Relevant	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	≥212 Degrees F (>100 Degrees C)	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	0.98 - 1.01	Density: 8.2 - 8.4 lb./gal.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None Known

**Conditions to Avoid:** Keep from Freezing

**Incompatible Materials:** None Known

**Hazardous Decomposition Products:** Oxides of Carbon, Sulphur and Nitrogen

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Skin Contact, Eye Contact  
(Ingestion is not a likely route of exposure under normal conditions of use.)

**Symptoms of Exposure:**

Allergic skin reaction, skin and eye irritation, stomach or intestinal upset

**Numerical measures of toxicity:**

Ingredient: Titanium Dioxide

Acute Toxicity – Oral LD50 > 5,000 mg/Kg Rat

Acute Toxicity – Dermal LD50 > 10,000 mg/Kg Rabbit

Acute Toxicity – Inhalation LC50 > 6.8 mg/l Rat

Ingredient: Slack Wax, Petroleum

Acute Toxicity – Oral LD50 > 5,000 mg/Kg Rat

Acute Toxicity – Dermal LD50 > 2,000 mg/Kg Rabbit

Acute Toxicity – Inhalation LC50 N/A

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**

May harmful if swallowed. May cause allergic skin reaction, skin and eye irritation

**Carcinogenicity:** IARC has characterized Titanium Dioxide as possibly carcinogenic to humans (Group 2B) through inhalation (not ingestion). It has not been characterized as a potential carcinogen by either NTP or OSHA.

**Particles of titanium dioxide** contained in this product are bound in resin. Product users would not be exposed to airborne, unbound particles of respirable size. Therefore the titanium dioxide is not on the list of chemicals known to the State of California to cause cancer.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** No Known significant effects or critical hazards.

Aquatic Eco-Toxicity Ingredient: Slack Wax, Petroleum

LC50 Fishes: > 100 mg/l 96 hrs.

LC50 Other Aquatic Organisms: >10,000 mg/l 96 hrs. Shrimp

EC50 Daphnia (Water Flea): >10,000 mg/l 48 hrs.

**Persistence and Degradability:** No Data Available

**Bioaccumulation:** No Data Available

**Mobility:** No Data Available

**Other Adverse Effects:** No Known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes:** This product is a not a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

**Contaminated Packaging:** Dispose of as unused material.

## 14. TRANSPORT INFORMATION

**D.O.T.:** Not Regulated

**I.M.D.G.:** Not Regulated  
Marine Pollutant: No

**I.A.T.A.:** Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### US Federal Regulations

**SARA 302:** None Known

**SARA 311/312 Hazard Categories:** Acute Health Hazard, Delayed (Chronic) Health Hazard

**SARA 313 Hazard Categories:** None Known

**CWA (Clean Water Act):** This product contains wax and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of this product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

### Supplemental State Compliance Information

California:

Warning: This product contains a chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

Titanium Dioxide CAS# 13463-67-7. The listing for titanium dioxide is for airborne, unbound particles of respirable size and does not cover titanium dioxide when it remains within a product matrix.

This product may contain trace amounts of other chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

Massachusetts, Pennsylvania and New Jersey Right To Know:

CAS Number	Component Name
13463-67-7	Titanium Dioxide

**U.S. EPA Label Information:** No Data

## 16. OTHER INFORMATION

### **HMIS Classification:**

**Health hazard:** 1

**Flammability:** 0

**Physical Hazards:** 0

### **NFPA Rating:**

**Health hazard:** 1

**Fire:** 0

**Reactivity Hazard:** 0

**Issuance Date: June 26, 2017**  
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**Revision Note: Reviewed and Updated**  
**Date of Previous Version: April 27, 2015**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**