

Issue Date: June 22, 2017

Revision Date: April 30, 2025

Version: 2019V2.0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Safe-Cure 2000

Other Means of Identification

SDS #: F1010

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.

GHS Classification:

Eye damage/irritation – Category 2B

Acute Toxicity – Oral – Category 5

Sensitization – Skin – Category 1A

Label Elements, including precautionary statements

Pictograms:



Signal Word: Warning

Hazard Statements:

H303 May be harmful if swallowed.

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+P265 Wash hands and skin thoroughly after handling. Do not touch eyes.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P317 IF SWALLOWED: Get medical help.
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 help.
P362+P364 Take off contaminated clothing and wash it before reuse.

Hazards not otherwise classified: May cause skin irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

| | | |
|------------------|-----------------|--------|
| Water | CAS#: 7732-18-5 | 70-75% |
| Titanium Dioxide | CAS# 13463-67-7 | 3-5% |
| Surfactant Blend | Proprietary | ≤ 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 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/m³ OSHA 8 hr. TWA Total Dust; TLV 10 mg/m³ 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
Color: White (Dries White)

Odor: Mild
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 - 1.04 | Density: 8.4 - 8.7 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, New Jersey & Pennsylvania 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 22, 2017

Revision Date: April 30, 2025

Revision Note: Review and update.

Date of Previous Version: April 15, 2019

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