

# SAFETY DATA SHEET



Date Issued : 09/01/2023

SDS No: 403542, 403543

## TotalBoat Silica Thickener

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TotalBoat Silica Thickener  
**GENERAL USE:** Fumed Silica thickening agent  
**PRODUCT CODE:** 403542, 403543

**DISTRIBUTOR:**

TOTALBOAT LLC  
 17 Peckham Drive  
 Bristol, RI 02809  
 (800) 497-0010

**Emergency Contact:** INFOTRAC: 800-535-5053

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Aspiration Hazard

**GHS LABEL**

Harmful

**HAZARD STATEMENTS**

H320: Causes eye irritation.

H316: Causes mild skin irritation.

H333: May be harmful if inhaled.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** White; Solid/powder

**IMMEDIATE CONCERNS:** Exposure to powder or dusts may be irritating to eyes, nose and throat.

**POTENTIAL HEALTH EFFECTS**

**INHALATION:** No acute toxic respiratory tract effects are expected. May cause physical discomfort to the respiratory tract.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Silica, Amorphous, Fumed	> 99.9	112945-52-5

**COMMENTS:** This product may also be known as Hydrophillic Pyrogenic Silica, Hydrophillic Fumed Silica

### 4. FIRST AID MEASURES

**EYES:** If contact with eyes, immediately flush eyes with plenty of water.

**SKIN:** If contact with skin, wash skin with plenty of water or with water and soap.

**INGESTION:** Drink plenty of water. Get medical attention if symptoms occur. Show label if possible.

**INHALATION:** If inhaled, remove to fresh air.

**COMMENTS:** Get medical attention if irritation occurs or if breathing becomes difficult.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not categorized as Flammable by GHS standards.

**GENERAL HAZARD:** Material does not burn. Electrostatic charging is possible.

**EXTINGUISHING MEDIA:** Use an extinguishing media suitable to the surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Not Applicable.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear full protective clothing including self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Cover any spilled material in accordance with regulations to prevent dispersal by wind. Damp down dust and fill into containers.

**LARGE SPILL:** Follow procedure for small spills. Large industrial vacuum may be necessary for large scale spill. Follow federal, state, and local regulations for disposal.

**GENERAL PROCEDURES:** Avoid dust formation. Do not breathe dust. Wear personal protection equipment.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid dust formation. Electrostatic discharge possible during transport and processing. Take precautionary measures against electrostatic charging. Ensure all parts of equipment are well earthed. Use inert gas when working with combustible and explosive liquids. Avoid dust deposit, remove dust regularly.

**STORAGE:** Store in a cool, dry, well-ventilated area. Keep container closed when not being used.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
Chemical Name	EXPOSURE LIMITS		
	Type	ppm	mg/m <sup>3</sup>
Silica, Amorphous, Fumed	OSHA PEL	TWA	.8

**ENGINEERING CONTROLS:** Provide ventilation or other engineering controls to keep the airborne concentrations of vapors or mists below any applicable workplace exposure limits (PEL/TLV). An installed emergency eye wash station or safety showers should be located near the work area.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

**SKIN:** Protective gloves.

**RESPIRATORY:** In case of dust formation: A NIOSH approved particulate respirator with a P95 or higher rating.

**PROTECTIVE CLOTHING:** Clothing should be applicable for the job at hand to protect the skin from repeated exposure to the material.

**WORK HYGIENIC PRACTICES:** Do not breathe dust/vapor/mist/gas/aerosol. Wash thoroughly after handling.

**OTHER USE PRECAUTIONS:** Use only with adequate ventilation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid - Powder

**ODOR:** Odorless.

**COLOR:** White.

**pH:** 3.6 to 4.5

**PERCENT VOLATILE:** Not Applicable.

**FLASH POINT AND METHOD:** Not Applicable.

**FLAMMABLE LIMITS:** Not Applicable.

**AUTOIGNITION TEMPERATURE:** Not Applicable.

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** No data available.  
**MELTING POINT:** 1700°C (3092°F)  
**SOLUBILITY IN WATER:** Insoluble.  
**EVAPORATION RATE:** No data available.  
**DENSITY:** approx. 2.2 g/cm<sup>3</sup> at 20°C (68°F)  
**VISCOSITY:** No data available.  
**(VOC):** No data available.

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## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** This product is stable and will not hazardously polymerize.  
**CONDITIONS TO AVOID:** No dangerous reaction known under conditions of normal use.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** No dangerous reaction known under conditions of normal use.  
**INCOMPATIBLE MATERIALS:** No dangerous reaction known under conditions of normal use.

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

**NOTES:** Based on the available data acute toxic effects are not expected after single oral exposure. Based on the available data acute toxic effects are not expected after single dermal exposure. Based on the available data acute toxic effects are not expected after short-term inhalative exposure.

### CARCINOGENICITY

**NOTES:** Animal tests have not revealed any carcinogenic effects.  
**GENERAL COMMENTS:** By handling the product for many years no damage to health was observed.

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.  
**BIOACCUMULATION/ACCUMULATION:** Not Applicable.  
**AQUATIC TOXICITY (ACUTE)**  
**96-HOUR LC<sub>50</sub>:** >  
**COMMENTS:** Inorganic Material no ecological damage is expected.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**  
**PROPER SHIPPING NAME:** Not Regulated by DOT  
**AIR (ICAO/IATA)**  
**SHIPPING NAME:** Not Regulated  
**VESSEL (IMO/IMDG)**  
**SHIPPING NAME:** Not Regulated

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## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HEALTH HAZARDS:** per Cubic Foot air , Eye Irritation, Respiratory Tract Irritation, Skin Irritation

**313 REPORTABLE INGREDIENTS:** per Cubic Foot air

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** per Cubic Foot air

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** None required.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All items are TSCA listed.

**TSCA STATUS:** Amorphous Fumed Silica CAS 1 12945-52-5

**CLEAN AIR ACT**

**40 CFR PART 68—RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** This material does not contain any hazardous air pollutants.

**CALIFORNIA PROPOSITION 65:** This product contains no ingredients that would be reportable under California Proposition 65 legislation.

**OSHA HAZARD COMM. RULE:** This product is not considered hazardous as defined by OSHA 29CFR, part 1910.1200

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** per Cubic Foot air

**DOMESTIC SUBSTANCE LIST (INVENTORY):** 112945-52-5 Silica, amorphous, fumed

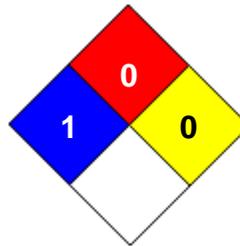
**16. OTHER INFORMATION**

**PREPARED BY:** RD    **Date Prepared:** 09/01/2023

**HMIS RATING**

<b>HEALTH</b>	<input type="text"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="text"/>	<input type="text"/>

**NFPA CODES**



**HMIS RATINGS NOTES:** The customer is responsible for determining the PPE code for this material.

**DISTRIBUTOR DISCLAIMER:** This information is compiled from sources believed reliable as of the date of issue, it is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.